



A Strategy to Rebalance the Army MI Force

*Bounding the Challenge of Intelligence Support
to Army Full-spectrum Operations...*

As of: 07 October 2009

A Strategy to Rebalance the Army MI Force

**Purpose: Provide a holistic, comprehensive
Army MI Force Strategy that optimizes intelligence support
to Army full-spectrum operations.**



**"To rebalance DoD programs in order to
institutionalize and enhance the nation's capabilities
to fight existing wars as well as the most likely
future conflicts, while also providing a hedge
against other risks and contingencies,"**

Secretary Robert Gates, Defense Secretary, 7 Apr 09

...Stated SecDef Priorities: MRAPs, ISR, MEDEVAC

Problem Statement

Current Army MI Force structure is not optimized to provide core capabilities in support of BCT and Division/Corps full-spectrum operations on a sustained Army Force Generation (ARFORGEN) cycle.



“Our strategic environment has evolved dramatically, and so has the Army. The challenges of institutional change in large organizations like the Army are substantial, especially as we are adapting an organization that is already the best in the world at what it does. Our test must not be *“Have we changed?”* It must be *“Have we changed enough?”* Everything is on the table except our core values. We are building an agile, disciplined Warrior Team that is dominant across the spectrum of 21st Century Conflict. It will be, inherently, a balanced Army for a balanced strategy.”

GEN George Casey, CSA, 11 Sep, 2009

Intelligence Core Capabilities

Irregular Warfare vs. Major Combat Ops

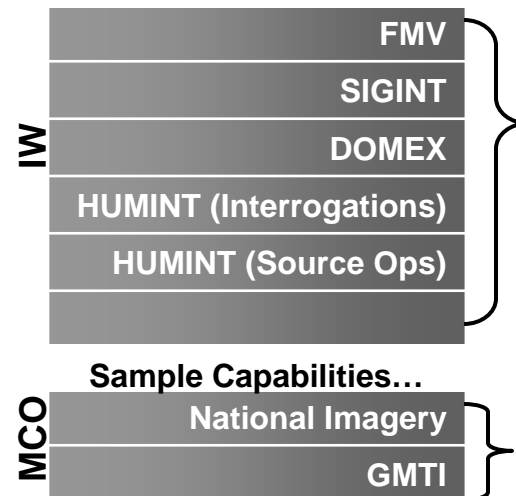


HVI
 FID
 C-Drug
 AT
 Peace Ops
 NEO
 Civil Support
 Humanitarian
 C-Insurgency
 Arms Control
 Space Ops
 IO
 Blockade
 Force on Force
 MTC
 Interdiction
 Air Campaign
 Land Offense
 Land Defense

Irregular Warfare

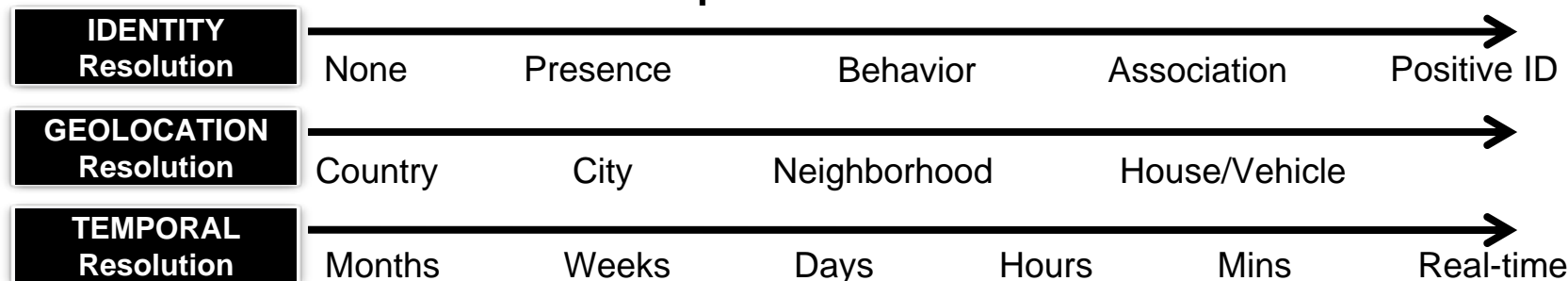
MCO

DoD ISR Strategy has sought to leverage sensors/systems optimized for MCO to address “lesser conflicts.” Recent OSD studies highlight that different sets of capabilities are required; key attribute is identity resolution.



High Payoff
Contributes
Low Contribution

Resolution Thresholds Required at the Find – Fix Intersection



Core Intelligence Capabilities

2008 TRADOC Recommended Intelligence Capabilities for Future Force Integration

- ✓ Cryptologic Support Teams (CST)
- ✓ Special SIGINT Capabilities
- ✓ Document & Media Exploitation (DOMEX)
- ✓ Weapons Intelligence Teams (WIT)
- ✓ Multi-functional Teams (MFT)
- + Cyber Network Ops (CNO)

2009 USD(I) Cross-Cutting Studies Analysis and ISR TF Sizing Construct

- ✓ Full Motion Video (FMV)
- ✓ Interrogation
- ✓ Media Exploitation (MEDEX)
- ✓ Geolocation
- ✓ National/Tactical SIGINT

High Priority

2009 OSD Cross-Cutting Study: Overarching Axioms for IW ISR Force Sizing

F3EAD -- Driving ISR Capabilities:

1. Full Motion Video (FMV)
2. SIGINT
3. HUMINT (Interrogations)
4. Document & Media Exploitation
5. HUMINT (Source Ops)

Three Enabling ISR Capabilities

1. ISR Architecture/Dissemination
2. Analysis/Exploitation
3. Communications

Potential Army MI investments...informed by empirical analysis

Army ISR Core Capabilities...

The Program of Record Integration Challenge

Full Motion Video (FMV) Imagery



Constant Hawk
Wide Area



MARSS/
ARMS



Hunter



Air Warrior /
Sky Warrior



BCT UAV
(Shadow)



RAID
Tower



PTDS



OS-RVT

Signals Intelligence (SIGINT)



Cryptologic
Support
Teams (CST)



Prophet /
PRD-13



Hunter



Guardrail



Red Ridge



Ground
Exploitation

Document & Media Exploitation (DOMEX)



Media
Exploitation
Suite



Device Exploitation



Database
Connectivity

Human Intelligence (HUMINT) & Biometrics



HUMINT
Tool Kit



Mobile
SATCOM



HIIDE



Biometrics
Automated
Toolset (BATS)

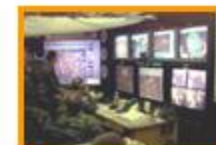
Analysis & Communications



DCGS-A



Trojan &
Networks



JIOC-A, DIV, BCT
Intel Fusion



Supplemental/
OCO Funded



Program of
Record (POR)

Intel Unit Versus Ad-Hoc Requirements

	Total MI Soldiers/ % Ad-Hoc
OIF	42%
OEF	36%

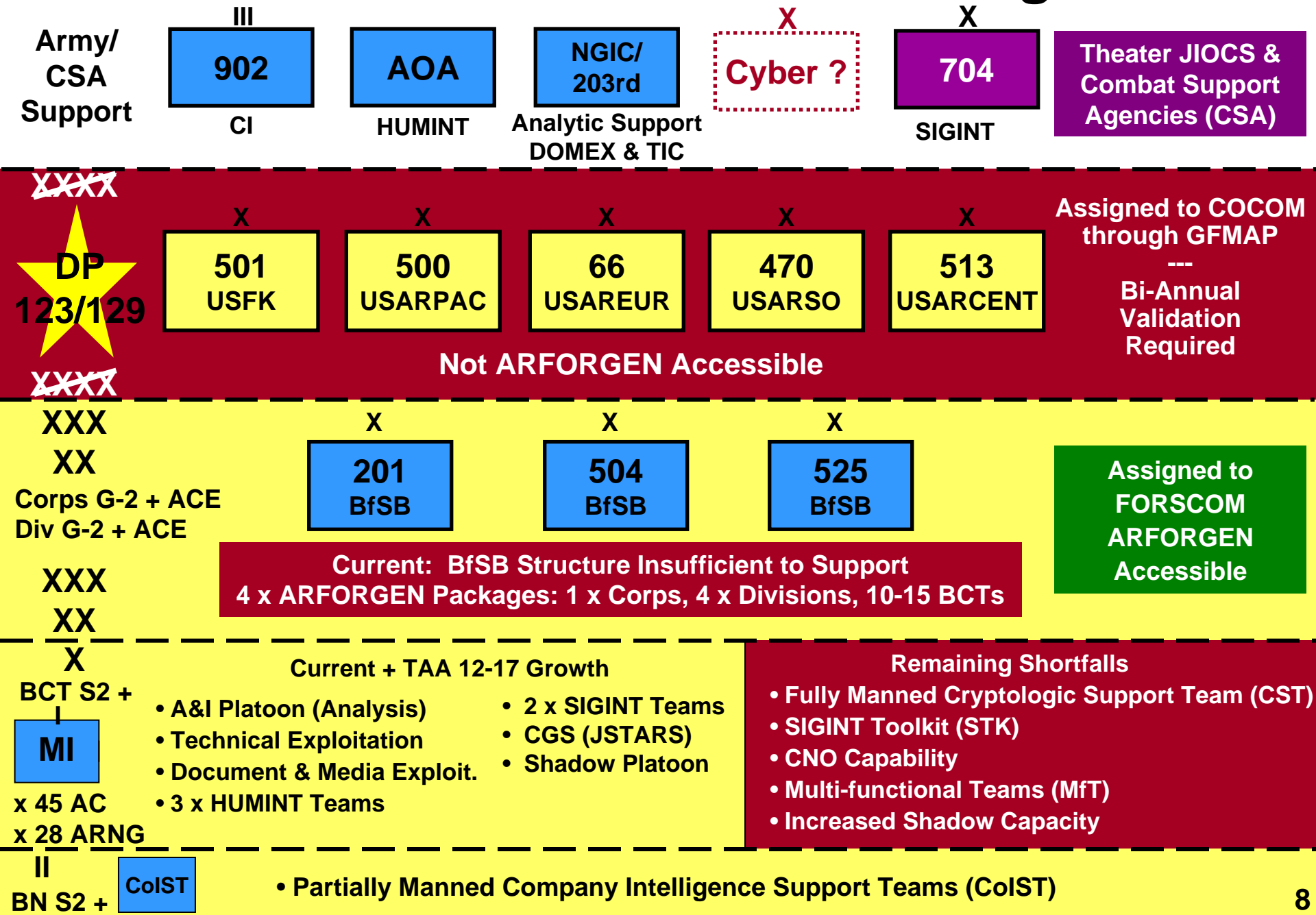
MI Force Challenge: Demanded Core Capabilities not Reflected in Current TOE Structure

ARFORGEN Rotation Goals

	Army FY11 Goal	Objective Steady State	Objective Surge
AC Rotation Goal	1:2 (12:24 mo)	1:3 (9:27 mo)	1:2 (12:24 mo)
RC Rotation Goal	1:4 (12:48 mo)	1:5 (12:60 mo)	1:4 (12:48 mo)

MI Force Challenge: Multiple Operational Theaters, Limited ARFORGEN-Accessible Structure above Brigade Combat Team Level

The MI Force Challenge



FY09

The Current MI Force

By Component

COMPO 1	28,440	(53%)	54,048
COMPO 2	9,449	(17%)	
COMPO 3	7,718	(14%)	
DA Civilian	8,441	(16%)	

Military:	45,607	(84%)
Civilian:	8,441	(16%)

COMPO	AC	ARNG	USAR
OFF	4,840	1,768	1,668
WO	1,823	517	475
ENL	21,777	7,164	5,575
CIV	8,441	0	0

MIP

COMPO 1:	28,788	(53%)	8,093 (15%)
COMPO 2:	9,449	(18%)	0
COMPO 3:	7,718	(14%)	0

Military:	39,548	(73%)	6,059 (11%)
Civilian:	6,407	(12%)	2,034 (4%)

Fenced:	8,093	(15%)
Non-Fenced:	45,955	(85%)

By Discipline

All Source/Multi-Discipline	18,901	(35%)
Human Intelligence:	6,861	(13%)
Counterintelligence:	3,304	(6%)
Signals Intelligence:	9,057	(17%)
Imagery Intelligence:	2,496	(5%)
System Maintenance:	1,274	(2%)
Interpreter / Translator (09L):	149	(0%)
Non-MI AOC/MOS & Pilots:	12,006	(22%)

By Command / Echelon

	TOT	%	TOE / TDA
Joint / Defense:	4,964	(9%)	71 / 4,893
SOF:	2,695	(5%)	2,021 / 674
Theater:	10,543	(20%)	2,273 / 8,270
INSCOM:	16,483	(30%)	9,575 / 6,908
ECB:	19,363	(36%)	18,749 / 614

As of: 17 Jun 09

*Authorizations from AIMP MI Force Database FY09 based on 0210 TAADs

**Does not include programmed growth, Data will change with new force lock

Strategy Defines Structure & Options

1. Strategic Approach

- Focus on Intel “Center of Gravity” ~ BCT (IW) and Division/Corps (MCO)
- Embed Core Intelligence Capabilities where Risk-to-Force Greatest
- Mitigate Risks at Other Echelons
- Provide Army Leadership Alternative Strategic Investment Options

4. Investment Options

- Company Intel Teams -- CoIST
- BCT MI Enablers
- Multi-functional MI Brigades
- Theater MI Brigade Reallocation
- Aerial ISR Layer & CNO
- Rotational Models ~ AEB (Bde)
- Theater Intel Groups (TIG)

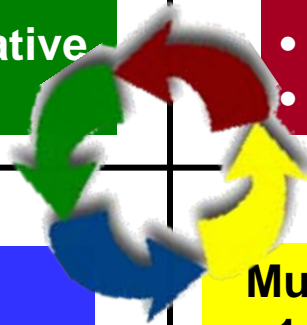
2. MI Force Characteristics

- Full Spectrum
- ARFORGEN (Assured Access & Rotational)
- Joint and CSA Enabled
- Key Intelligence Functions ~ Sustained at All Levels
- Multi-functional
- Modular & Scalable
- Sustainable
- Balanced Compo 1 - 3 Mix

3. Force Sizing Assumptions

Must Support Army Force Package:

- 1 x Corps, 4-5 x Divisions, & 10~15 x BCTs (Max 20) -- Indefinitely
- 1 x MI Company per BCT
- 1 x MI Brigade and Aerial Layer to Support Committed Operational Headquarters or Multi-Division Ops
- Retain Analytical Support to ASCC
- Retain Capability to Support Forward Based Forces & COCOMs
- Emerging Cyber/CNO Requirements
- “Surge” Status Requires Deliberate Leveraging of Joint Augmentation

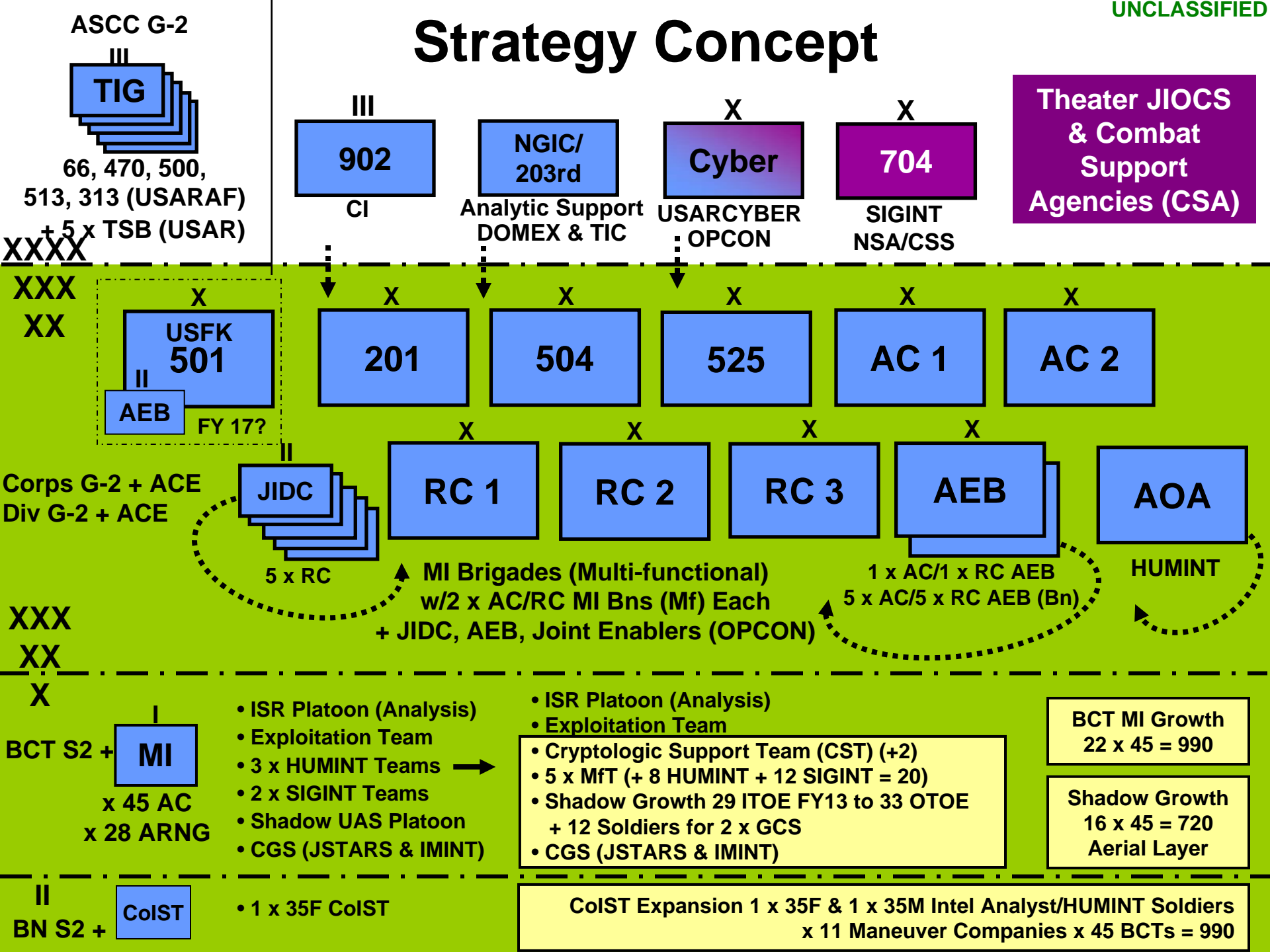


Ways & Means

Generate modular multi-functional (Mf) MI brigades and reinforce BCT MI companies with core intelligence capabilities and capacity to meet BCT and Division/Corps ARFORGEN requirements by re-missioning/restructuring ASCC Theater MI Brigades; redefining the Cryptologic Enterprise Military-Civilian manpower balance; and reinvesting existing BfSB resources.

Build on TAA 12-17 Investment Decisions

Strategy Concept



Company Intel Support Team (ColST)

CDR Intel Staff	★★★★ ✓ J2	★★★ ✓ G2	★★ ✓ G2	Bde/COL ✓ S2	Bn/LTC ✓ S2	Co/CPT X ??	New Core Capability
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Intelligence Gaps ColST Addresses:

- ✓ Intelligence Preparation of the Battlefield (IPB)
- ✓ Patterns of Life, Trend, and Link Analysis
- ✓ Reconnaissance & Surveillance (R&S) Planning & Integration
- ✓ Patrol Debriefs
- ✓ Collection Requirements
- ✓ Site Exploitation
- ✓ Tactical Questioning Instruction for Non-Intel Soldiers
- ✓ Interrogation; Tactical HUMINT Source Ops (USD(I) Policy)
- ✓ Spotting, Assessing, Overt HUMINT Collection (USD(I) Policy)
- ✓ Target Packages
- ✓ SIPRNET Access
- ✓ Intelligence Dissemination
- ✓ Integration of Intelligence Augmentation – Mf Teams,
- ✓ One System-Remote Video Terminal (OS-RVT) Full Motion Video (FMV) Access & Analysis
- ✓ Biometrics Collection (HIIDE)
- ✓ Document & Media Exploitation (DOMEX)
- ✓ Unattended Ground Sensors Planning & Management (UGS)

Organize for Intelligence: Company Intelligence Cells in COIN

By First Lieutenant Rory M. McGovern, FA

In the fall of 2006, while preparing to deploy in support of Operation Iraqi Freedom (OIF) 06-08 as a company fire support officer (FSO) with E Company, 2nd Battalion, 5th Cavalry (B/2-5 Cav), 1st Brigade Combat Team (BCT), 1st Cavalry Division, I was told to read an article. It was "Twenty Eight Articles: Fundamentals of Company-Level Counterinsurgency" by Dr. David Kilcullen. Then, I designed a proposal for a company intelligence cell for the unit's upcoming deployment.

In organizing and implementing the cell in combat, I became convinced of the necessity of company-level intelligence cells in counterinsurgency (COIN) operations and the pivotal role fire support should play in the effort.

In his article, Kilcullen discusses the difficulty of finding intelligence in a combat environment. Intelligence is a product of the unit's ability to understand the enemy's intent and capabilities. Intelligence is not a product of the unit's ability to find the enemy's intent and capabilities.

Units must resource S2 sections down to the company level. Major General Jeffrey Hammon, commander of the 4th Infantry Division, makes clear his vision and intent for operations during deployment in his memorandum, "How We Fight." In the document, he states coverage of the battlefield must be comprehensive and that the S2 section will have a 70 to 90 percent read of the enemy prior to conducting any action.

Currently across the Army, these company S2 sections exist by a multitude of names; some are referred to as the "company intel cell," "company exploitation cell," "company S2 section," or "company intel support team." For the purposes of this article, we will use the company intel support team. Just as there is no one-size-fits-all solution for the company intel support team, there is no one-size-fits-all solution for the company intel support team.

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Combat Arms Demands...

Company Intelligence Support Teams

by Major Rod Morgan

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3 Soldiers Per Company = 2 x 35F Intel Analysts and 1 x 35M HUMINT Soldier
Maneuver Center of Excellence TAA 12-17 FDU = 1 x 35F Soldier

176

BCT MI Company

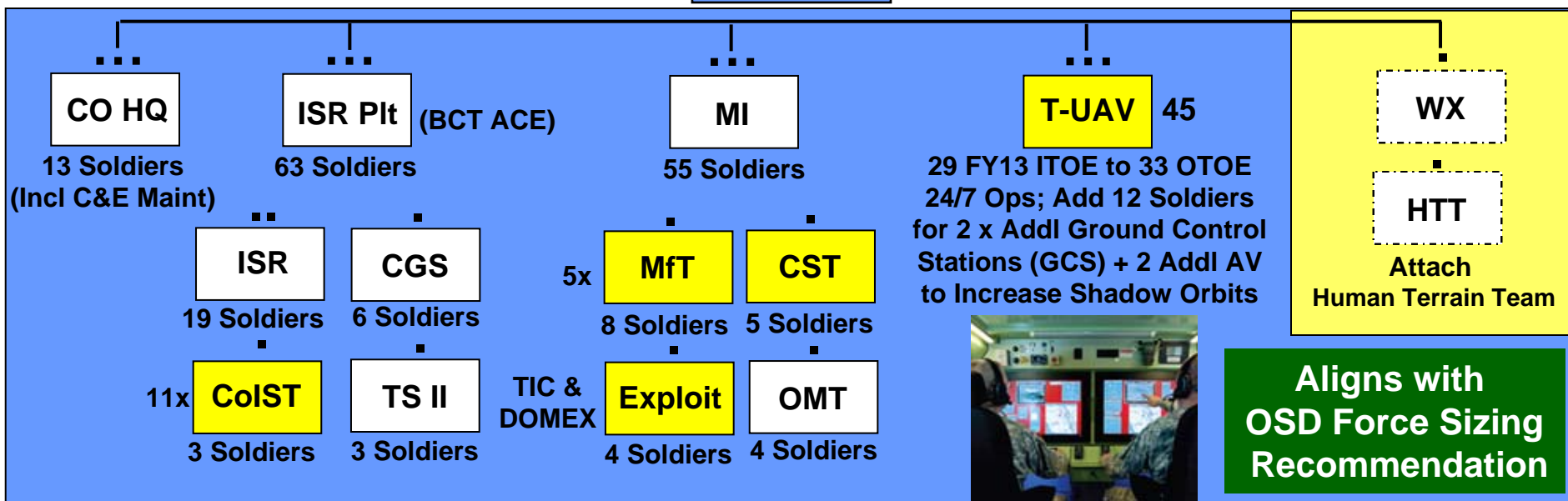
Current Base = 99
TAA 12-17 + 18 = 117

50% Increase

MI

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- Upgrades current construct with core intel enhancements identified by TRADOC & OSD
- Hosts Company Intelligence Support Teams



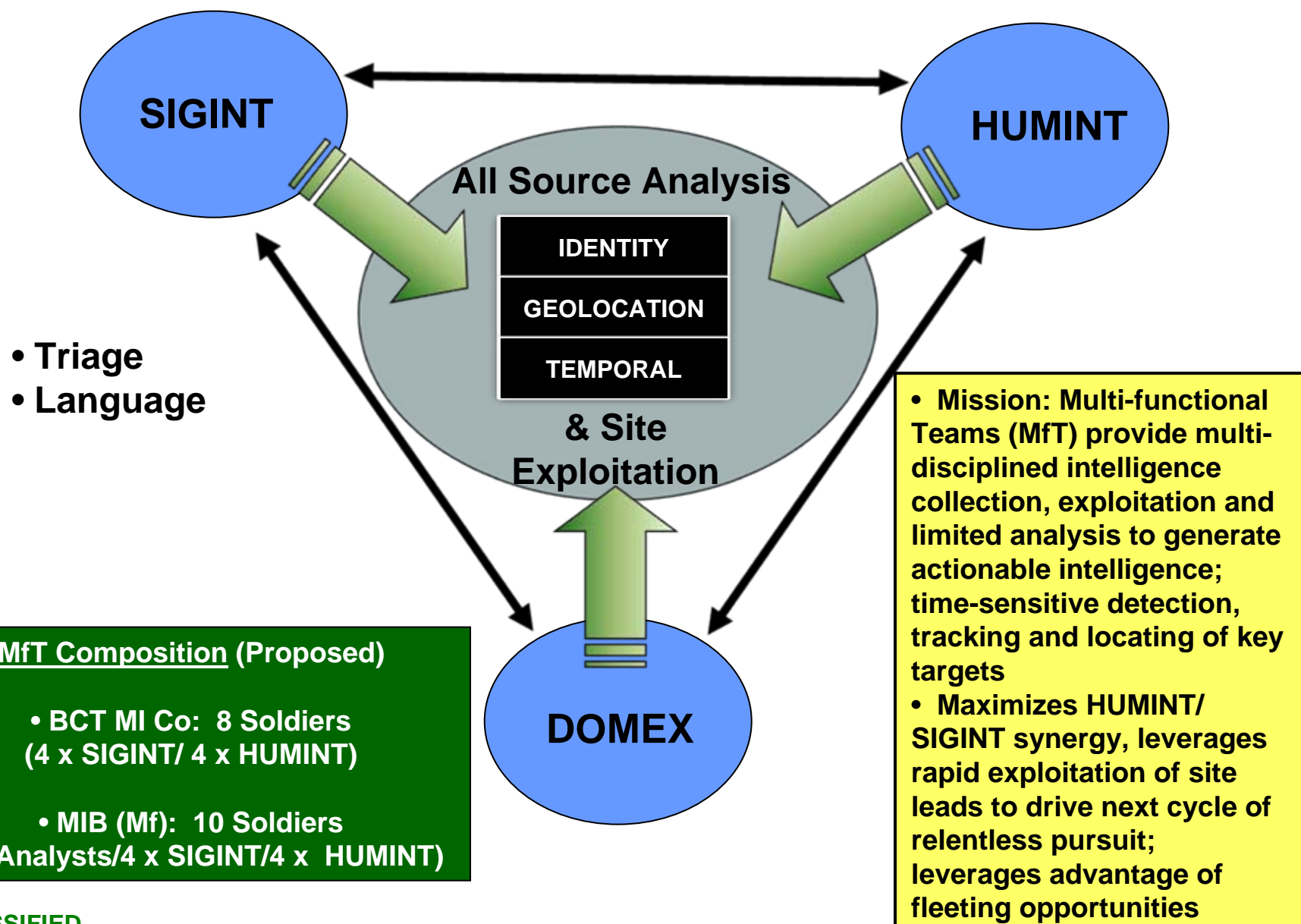
Capabilities:

- CoIST (2 x 35F Analysts/1 x 35M HUMINT Collector)
- 5 x Multi-functional Teams (MfT); SIGINT, HUMINT (Source Ops, Interrogation) & Site Exploitation
- NSANet-enabled Cryptologic Support Team (CST)
- Exploitation Team: DOMEX, TIC, Biometrics, Limited Forensics
- 2 x Shadow TUAV Orbits (24/7); OS-RVT Full Motion Video (FMV) Feeds from all Army, Joint UAS
- JSTARS/GMTI Common Ground Station
- DCGS-A SIPR & SCI; TROJAN SPIRIT (TS II) SATCOM
- Receive MIB (MfT) Teams, CI, Cyber, Joint, IC enablers

Mission: The BCT MI Company provides focused, downward-reinforcing multi-disciplined intelligence support to BCT, Bn and Co tactical operations: IPB/I&W/Sit Development & Targeting Analysis; ISR Synchronization; Target & Wide-Area Surveillance (FMV & Radar GMTI); SIGINT; Imagery Exploitation; Tactical HUMINT Source Ops & Interrogations; Site Exploitation, Document & Media Exploitation/Weapons Intelligence, Limited Forensics, Biometrics.

Multi-functional Team Construct (MfT)

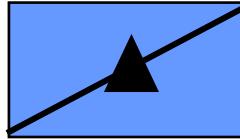
Develop Actionable Intelligence



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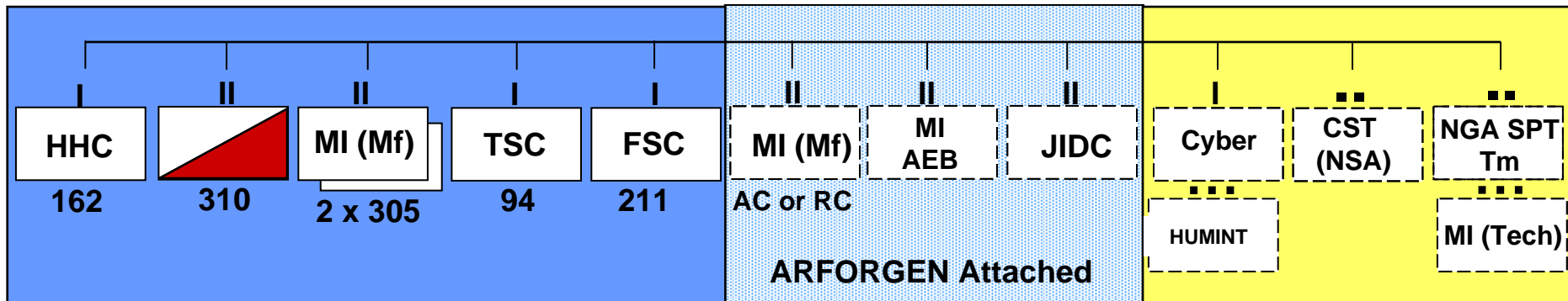
Enhanced BfSB

X



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- Enhances Current BfSB with Core MI Enablers
- 1 x per ARFORGEN force package; Objective 2 x per
- Modular teams to full brigade tailored to meet requirements defined through GFM Process

Capabilities

- Mounted Ground Reconnaissance (Recce SQDN)
- Manned Long Range Surveillance
- 8 x 10 Soldier Multi-function Teams per MI Bn (Mf)
- Interrogation Company; JIDC Battalion as required
- Counterintelligence & Security Detachment (becomes JCIU w/joint augmentation)
- Tech Support Co UAS & Ground ISR
- OPS/INT Fusion Teams (1 per Division)
- Aerial ISR (FMV/GMTI/SIGINT)(AEB OPCON)
- HUMINT Detachment, Cyber Company (OPCON)
- Robust Comms, and NSA Net-Enabled Cryptologic Support Group (CSG) (NSA)
- GEOINT Exploitation Team (NGA)
- Coordination/Execution of DOMEX/TECHINT
- Agility & Flexibility to Weight Div & Corps Efforts (Border Area, IED Supply Chain)
- C2 of Joint & Operational Intel enablers
- SOF Liaison (CJSOTF, Other)

Mission: The Enhanced BfSB conducts multi-disciplined intelligence, surveillance & reconnaissance operations in support of Div/Corps operational requirements. The enhanced BfSB provides persistent surveillance and intelligence oversight of non-contiguous BCT battlespace, and develops unique intelligence problem sets such as irregular warfare (IW) networks and, as needed, provides downward reinforcing capabilities to the BCT.

Command & Control (C2): The enhanced BfSB provides C2 for all operational ISR units above BCT level in Div/Corps battlespace, integrates Army & Combat Support Agency (CSA) enablers (HUMINT, 203rd MI TECHINT, NSA Cryptologic Support Teams (CST), NGA GEOINT Cell, and provides up to 3 Fusion Cells.

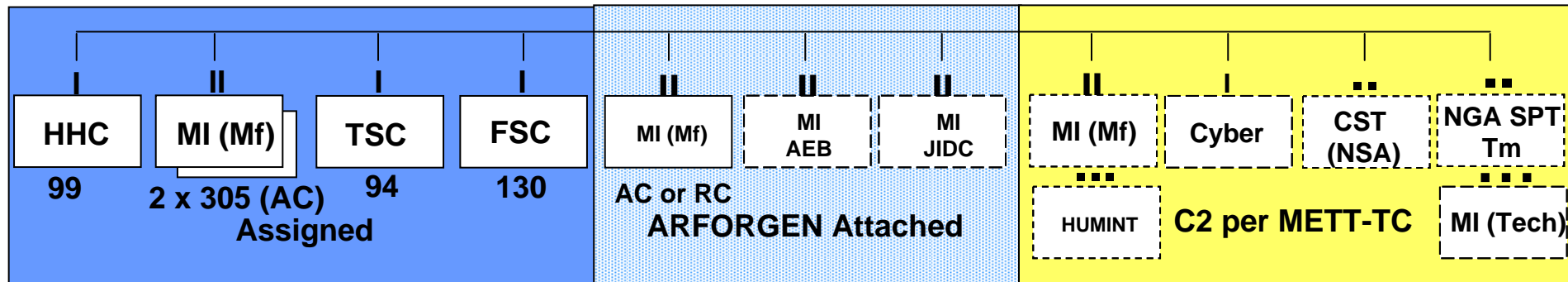
933

MI Brigade (Mf)

X
MI (Mf)

933

- New construct leveraging current BfSB structure
- 1 x per ARFORGEN force package; Objective 2 x per
- Modular teams to full brigade tailored to meet requirements defined through GFM Process



Capabilities

- 8 x 10 Soldier Multi-function Teams per MI Bn (Mf)
- Interrogation Company; JIDC Battalion as required
- Counterintelligence & Security Detachment (becomes JCIU w/joint augmentation)
- Tech Support Co (ISR Comms, Tech Spt Packages & UAS-Emplaced Remote Surv Robotics)
- OPS/INT Fusion Teams (1 per Division)
- Aerial ISR (FMV/GMTI/SIGINT)(AEB OPCON)
- HUMINT Detachment, Cyber Company (OPCON)
- Robust Comms, and NSA-Net-Enabled Cryptologic Support Group (CSG) (NSA)
- GEOINT Exploitation Team (NGA)
- Coordination/Execution of DOMEX/TECHINT
- Agility & Flexibility to Weight Div & Corps Efforts (Border Area, IED Supply Chain)
- C2 of Joint & Operational Intel enablers
- SOF Liaison (CJSOTF, Other)

Mission: The MI Brigade (Mf) conducts multi-disciplined intelligence operations in support of Div/Corps operational requirements. The MIB (Mf) provides persistent surveillance and intelligence oversight of non-contiguous BCT battlespace, and develops unique intelligence problem sets such as irregular warfare (IW) networks and, as needed, provides downward reinforcing capabilities to the BCT.

Command & Control (C2): The MIB (Mf) commands/controls all operational MI units above BCT level in Div/Corps battlespace, and integrates Army & Combat Support Agency (CSA) enablers: HUMINT, 203rd MI TECHINT Platoon, NSA Cryptologic Support Team (CST), NGA GEOINT Cell, etc.; and up to 3 Fusion Cells.

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MI Battalion (Mf), MIB (Mf)

Current BfSB

MI Bn =

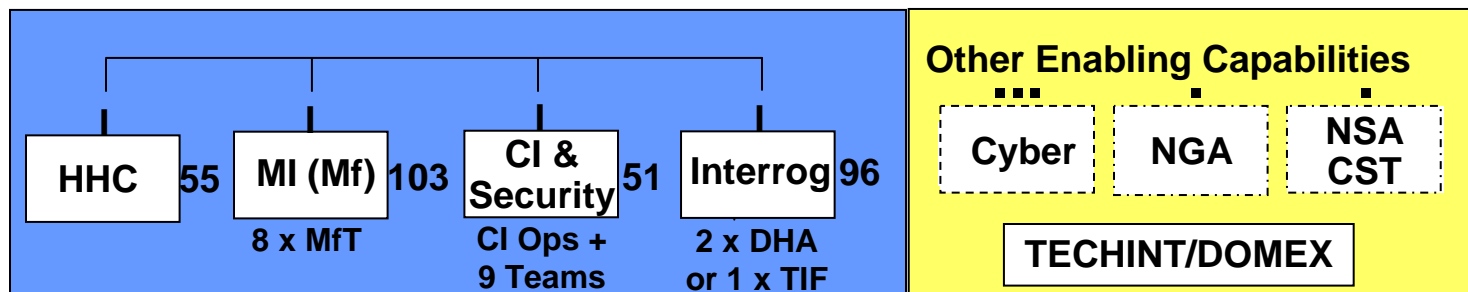
290 ITOE/

468 OTOE

MI (Mf)

305

- Construct leverages current BfSB MI Bn structure
- Remedies shortfalls of Division-level Interrogation, CI
- Multi-function teams exploit HUMINT/CI/SIGINT leads



Capabilities

- 8 x 10 Soldier Multi-function Teams
 - HUMINT & SIGINT; augmented w/ CI or Cyber
 - 2 x Analysts – embedded analytic capability
 - Agility & Flexibility to Weight Div & Corps Efforts (Border Area, IED Supply Networks)
- Interrogation Company
 - JIDC Battalion capabilities, supports 1- 2 x Division Holding Areas (DHA) or one Theater Internment facility
- CI & Security Company
 - Tactical CI; LEP Screening, counter-insider threat; polygraph spt w/augmentation; basis for Joint Counter Intelligence Unit (JCIU)
- Robust Comms, NSANet-Enabled Cryptologic Support Team (CSG) (NSA)

Mission: The MIB's MI Bn (Mf) conducts multi-disciplined intelligence operations in support of Division/Corps operational requirements. The Battalion (Mf) provides critical Interrogation/Debriefing/HUMINT and Counter-intelligence support to develop cross-BCT boundary problem-sets such as IED supply and Foreign Fighter networks, and employ Multi-functional teams to sustain relentless pursuit of Division & Corps-level targets. As needed, provides downward reinforcing capabilities to the BCT.

Multi-functional Team (MfT) =
2 x All Source + 4 x SIGINT + 4 x HUMINT

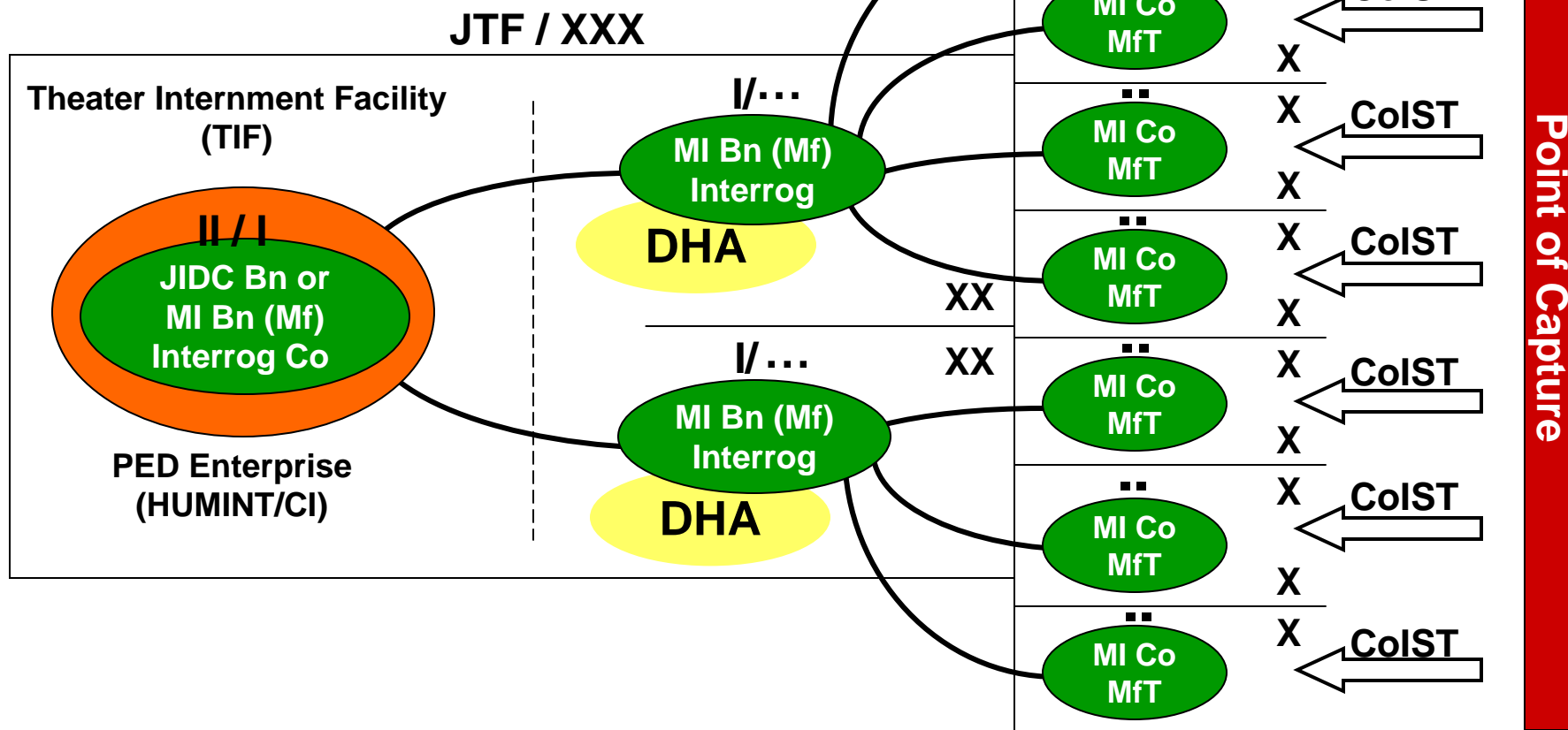
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MI Companies, MI Bn (Mf)

<div data-bbox="131 207 343 321"> </div> <p>Mission: provides C2 and Admin/ Log support ISO the MI Bn (Mf).</p> <div data-bbox="81 925 401 1362"> <p><u>Capabilities</u></p> <ul style="list-style-type: none"> ➤ C2 ➤ Admin/Log ➤ Maintenance </div>	<div data-bbox="421 207 859 611"> </div> <p>Mission: provides integrated multi-disciplined operational intelligence support ISO Div/Corps and BCT requirements.</p> <div data-bbox="421 925 877 1362"> <p><u>Capabilities</u></p> <ul style="list-style-type: none"> ➤ 8 x 10 Soldier Multi-functional Teams ➤ SIGINT, HUMINT, Analysis, Site Exploitation ➤ 1 x 6 Soldier HUMINT OMT ➤ 1 x 7 Soldier Cryptologic Support Team (CST) ➤ Robust Comms, and NSANet-Enabled </div>	<div data-bbox="917 207 1342 639"> </div> <p>Mission: provides CI/ Security ISO Div/Corps and BCT requirements. Forms basis for JCIU w/Joint Augmentation.</p> <div data-bbox="898 925 1342 1362"> <p><u>Capabilities</u></p> <ul style="list-style-type: none"> ➤ 9 x 4 Soldier CI Teams ➤ CI support to Force Protection (Supports 8 Base Camp Complexes or LEP Screening Sites) ➤ CI Investigations ➤ Hosts polygraph teams; with augmentation can serve as Joint CI Unit (JCIU) </div>	<div data-bbox="1348 207 1831 725"> </div> <p>Mission: provides operational interrogation support to Div/Corps and BCT requirements.</p> <div data-bbox="1352 925 1831 1362"> <p><u>Capabilities</u></p> <ul style="list-style-type: none"> ➤ 2 x 33 Soldier Interrogation Plts support up to 2 x Div Holding Areas (DHA)/ Theater Internment Facility (TIF) ➤ Organic Collection Management/Fusion Cell ➤ 2 x 5 Soldier DOMEX/ TECHINT Exploitation Teams (Attached) </div>
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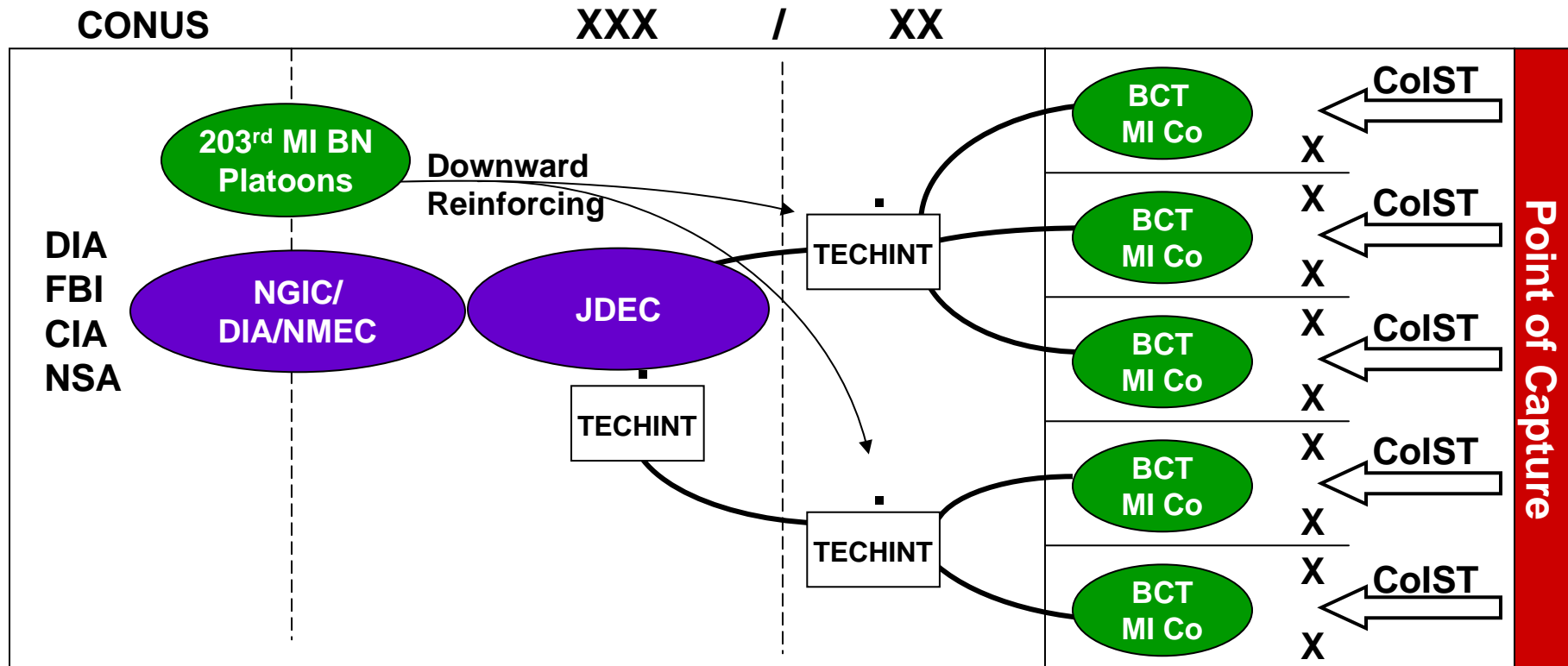
HUMINT Interrogation Concept

- Integration of an Interrogation Company into the Mf MI Battalion addresses long-standing conventional and SOF shortfalls
- JIDC resources consolidated into NG to leverage language & regional expertise of 300th MI (UTNG)



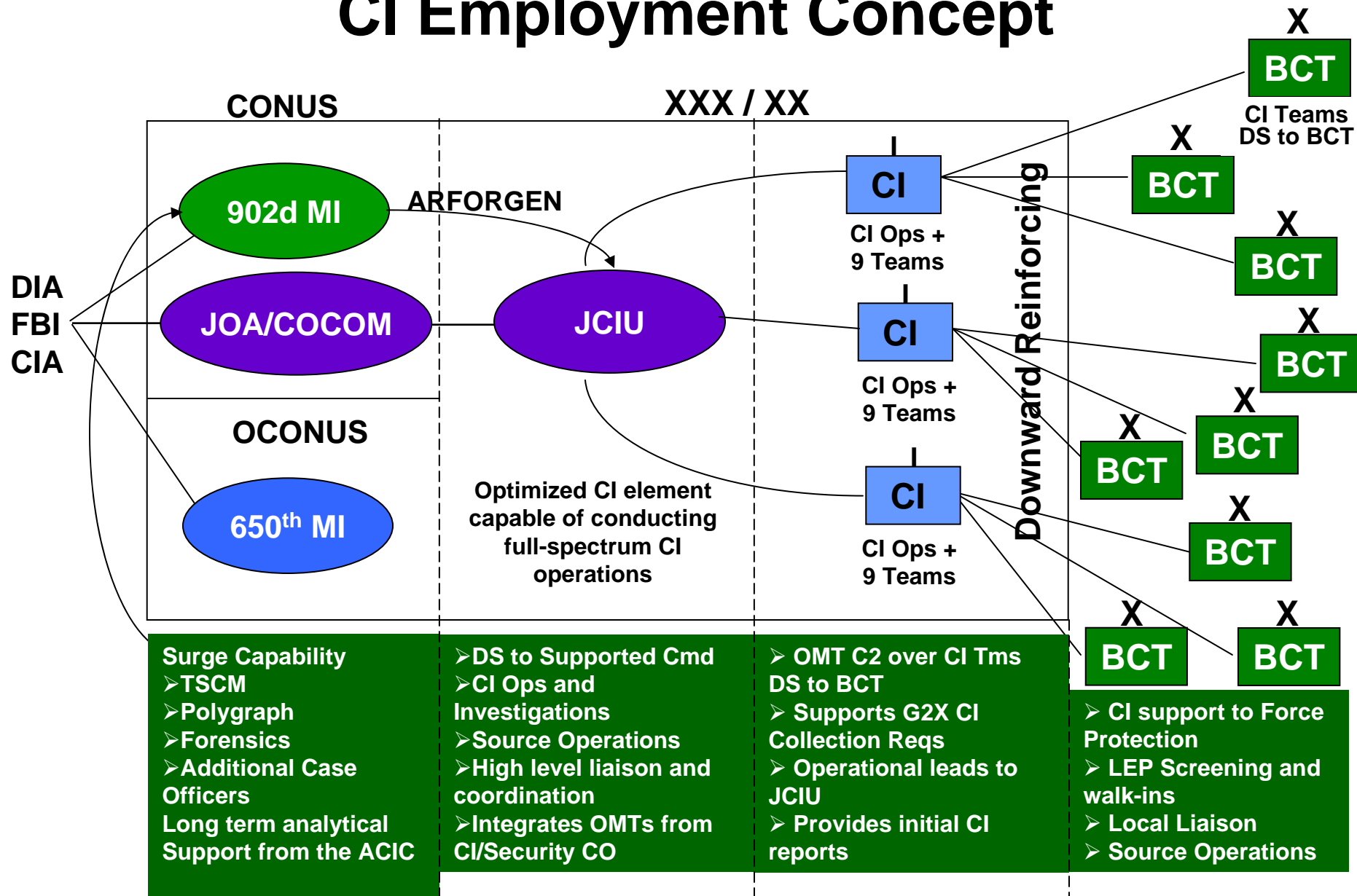
- Interrogation Team formed from BCT MI Co HUMINT Soldiers as necessary
- 1 x Division Holding Area (DHA) per MI Battalion (Mf) Interrogation Platoon
- 1-2 x DHA or 1 x Theater Internment Facility (TIF) per MI Battalion (Mf) Interrogation Company
- 1 x TIF per JIDC Battalion when committed; Interrogation Company covers 1-2 DHAs

DOMEX/TECHINT Employment Concept



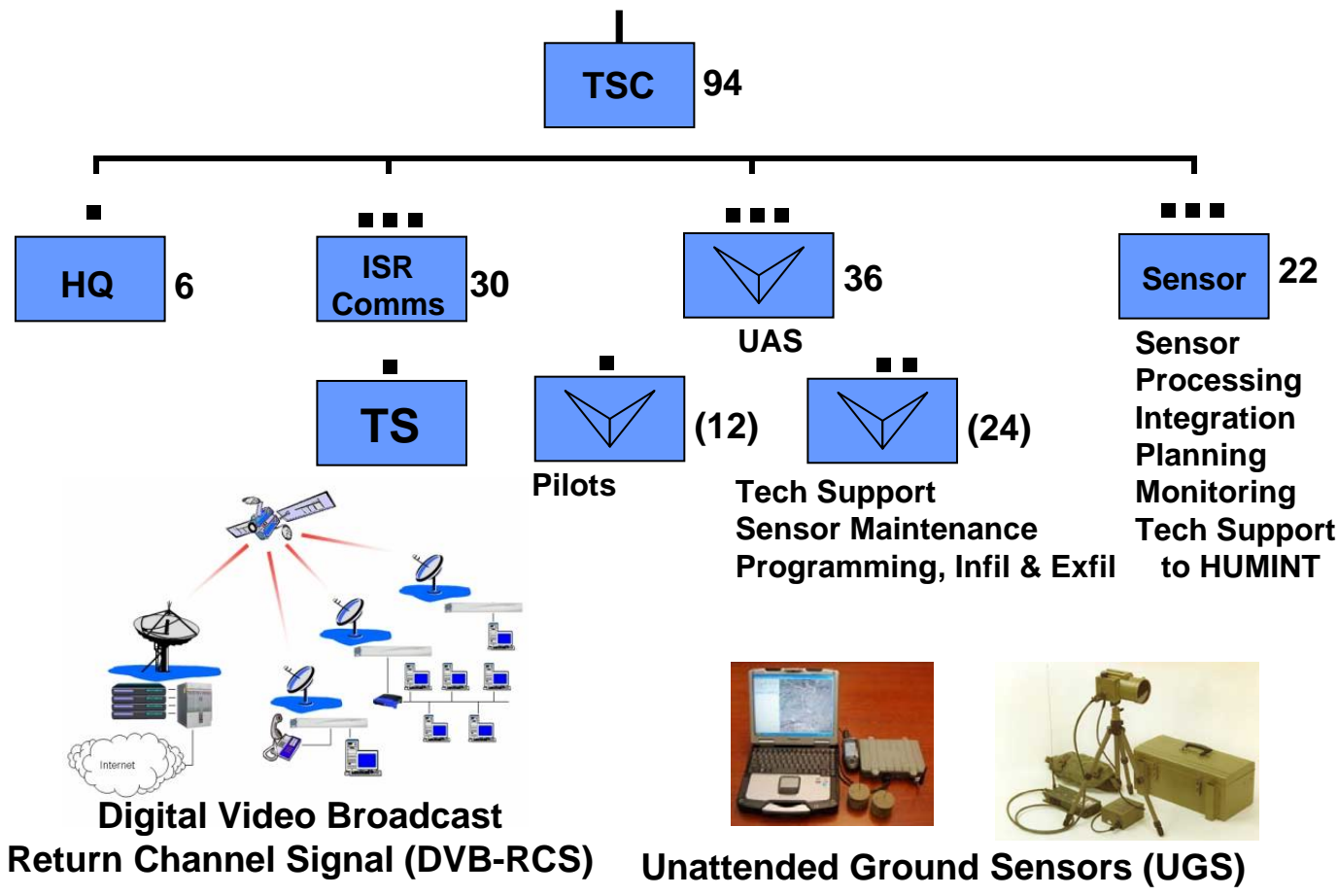
FEDEX Model – track documents and media from point of capture to the JDEC, along with biometric detainee data and interrogation reports

CI Employment Concept

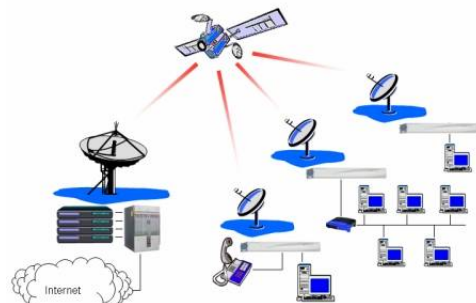


CI Team's Task Organized to the BCT AO providing CI support to FOBs. Allows maximum flexibility to reinforce BCTs with additional Teams based on terrain, threats, and population.

Tech Support Co (TSC), MIB (Mf)



VTOL UAV

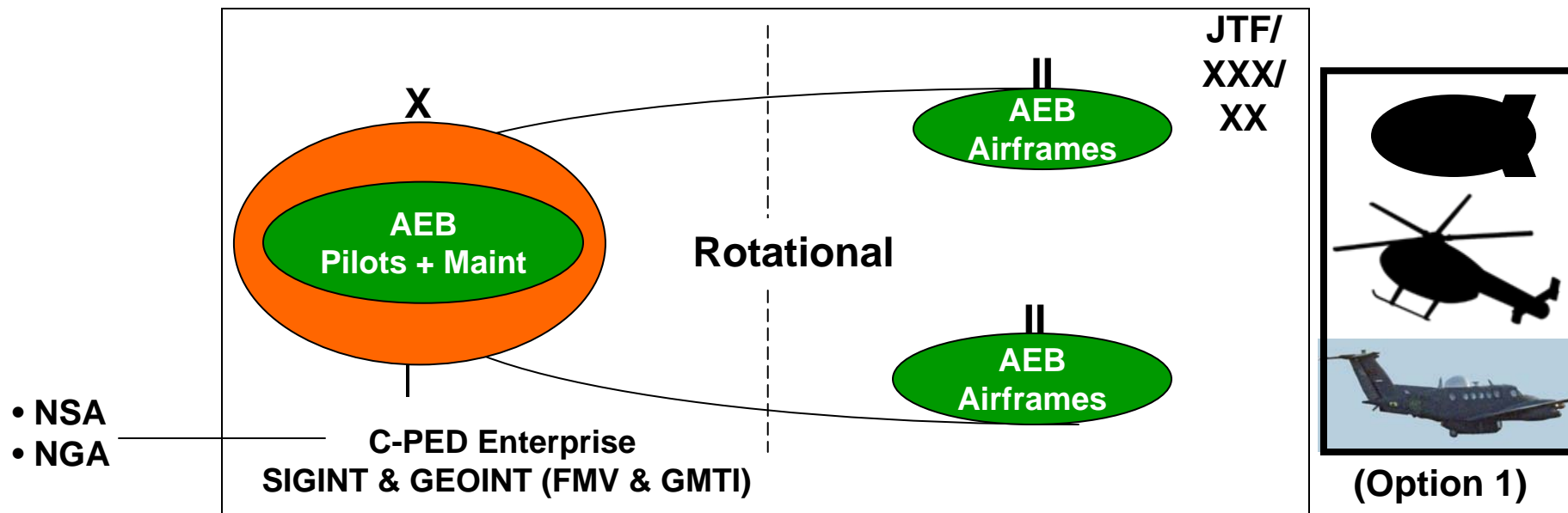


Capabilities

- 3 x UAS Rotary ISR (Vertical Lift)
- SIGINT/IMINT; TECH HUMINT
- 24/7 PED capability
- Remotely monitored multi-sensor packages
- SIGINT, IMINT/FMV, DVB-RCS sensors
- Unmanned Multi-INT LRS

Mission: Comms support to the MIB (Mf); UAS Rotary ISR; program, aerial emplacement, monitoring, processing, exploitation, dissemination, and recovery; unmanned remotely monitored multi-sensor SIGINT, IMINT/FMV, DVB-RCS Packages; Unmanned Multi-INT LRS; remote ISR sensor exploitation in support of BCT and Div/Corps R&S Ops.

Army Aviation ISR Rotational Employment Concept



... Rotational Concept Includes Crew, On-board Sensor Operators + PED (2nd & 3rd Phase)

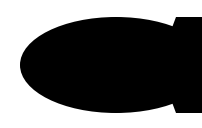
Typical AEB Force Package x 2 (Aerial Layer Option 1)

8 x Long Hybrid Airship; EO/IR/HD FMV, Laser, APG GP, SAR/GMTI, radar w/ GMTI capabilities, WAMI, GRP, AWAPSS, Comms)

19 x UAS Helicopter; EO/IR/HD FMV, Laser, APR/PR, SAR/GMTI, radar w/ GMTI capabilities, GPR)

18 x E-MARSS w/EO/IR/HD FMV, Laser, APG PR/GP, SAR/GMTI, radar w/ GMTI capabilities

Aerial ISR Mission Requirements



Missions

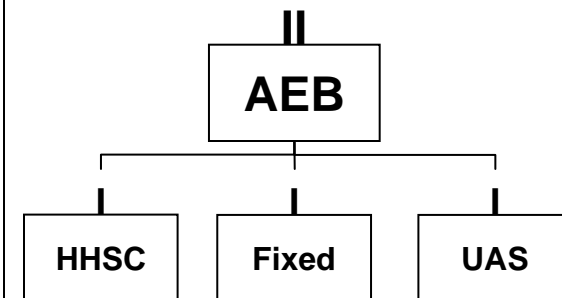
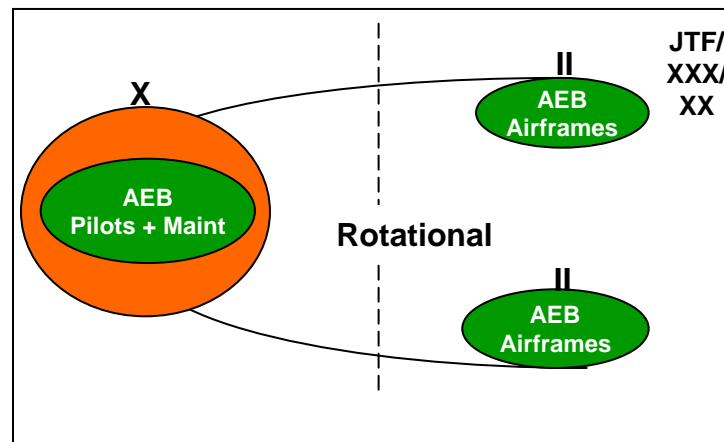
- Force Protection
 - Counter-IED
 - Counter-IDF
 - Route Recon/Overwatch
 - FOB Defense
- Stability Operations Support
- Support to Host Nation Ops
- Counter Drug

Capabilities



- Targeting - High Value & Time Sensitive
- Collect/ID/Track/Geo-locate
- Special Signals Tracking
- Positive Identification (PID)
- Patterns of Life
- Persistent Surveillance
- Border Crossing/Site Monitoring
- Weapons Cache Detection/Location
- Vehicle Tracking/Pattern Analysis
- Forensic Backtracking
- Change Detection/Cueing
- Support to Troops in Contact

Attributes

- Integrated
- Responsive
- Dedicated
- Assured
- Accurate
- Persistent





(Option 1) Aerial ISR Layer (Long Duration Airship, VTOL UAV, E-MARSS)

Baseline Assumptions		Goal: 90 Orbits		<ul style="list-style-type: none">• Expeditionary Support to Division & Below• EO/IR/HD/FMV, GMTI, SAR, Geolocation• DCGS-A Network Enabled• Robust Comms (Long Duration Airship)• Lethal Targeting Capability (ERMP/Sky Warrior)• All Weather		
1. Max Platforms Forward Deployed, Rotational Crews						
2. Constellation of modernized ISR platforms – E-MARSS, VTOL UAV, Long Duration Airship, Shadow						
3. Goal: 1 x AC Bde, 1 x RC Bde; 5 x AC Bns, 5 x RC Bns (AC 1:2; RC 1:4)						
Aerial ISR Layer		AC	RC			
C2 (AC 81 x 4; RC 81 x 5)	AEB (Bde) C2	101	101			
	AEB (Bn) C2	324	405			
	Korea AEB C2	91				
Current (RC-12)	Five AEBs 3 rd MI Center (PED)	128 7 119				
E-MARSS	36 x 4 (2 + 2) x 1.5 x 5		1080			
VTOL UAV/Long Duration Airship 	VTOL UAV: 15 CAPS x 4 (2 + 2) x 3 x 3 Airship: 15* x 6 (1 + 5) x 3 x 3 Maint VTOL UAV (32) + Airship (20) = 54 x 2 Crew/Ops Venue = 108 x 3 *Add: 1 to 2 Airship (Refuel/Reset)	540 810 324				
Shadow 	Grow 29 FY13 ITOE to 33 MTOE Add 2 x 6 Soldier GCS Crews	180 540	112 336			
Platforms Deployed x Crew Size x Crews Deployed x Rotation Sets						
				Summary		
		AC	RC			
C2		516	506			
Current		(-1406)				
E-MARSS			1080			
VTOL UAV + Long Duration Airship		1674				
Shadow		720	448			
Total		2910	2034			
Growth		1504	2034			
				26		

(Option 2) Aerial ISR Layer (C12(RC), VTOL UAV, Long Duration Airship)Baseline Assumptions**Goal: 90 Orbits**




1. Max Platforms Forward Deployed, Rotational Crews
2. Constellation of modernized ISR platforms – E-MARSS, VTOL UAV, Long Duration Airship
3. Goal: 1 x AC Bde, 1 x RC Bde; 5 x AC Bns, 5 x RC Bns (AC: 1:2; RC 1:4)

- Expeditionary
- Echelon Corps & Below Support
- Direct Tactical Comms
- Ground Control & Fusion Analysis
- FMV/GMTI/SAR/SIGINT/Comms
- Manned-Unmanned Teaming
- PID & Geolocation
- DCGS-A Network Enabled
- Long Dwell/Duration (VTOL UAV/Long Duration Airship)
- Robust Comms
- All Weather

Aerial ISR Layer		AC	RC
C2 (AC 81 x 4; RC 81 x 5)	AEB (Bde) C2 AEB (Bn) C2 Korea AEB C2	101 324 91	101 405
Current (RC-12)	Five AEBs 3 rd MI Center (PED) 28 x Soldier Shadow UAS Platoons	1287 119 1260	784
E-MARSS	36 x 4 (2 + 2) x 2 x 5		1440
VTOL UAV/Long Duration Airship  	VTOL UAV: 60 CAPS x 4(2 + 2) x 3 x 3 45 to BCTs (3 per BCT/ 8 x VTOL UAV = Total 120 VTOL UAV) 15 to AEB (Total 38 VTOL UAV) Airship: 15* x 6 (1 + 5) x 3 x 3 Maint/Fwd Support VTOL UAV (4 sites x 32) + Airship (20) = 148 x 2 Crew Sets or Operational Venues = 296 x 3 Rotations *+ 1 to 2 Airship (Refuel/Reset)	2160 810 888	
Summary			
	AC	RC	
C2	516	506	
Current	(-2666)	(-784)	
E-MARSS		1440	
VTOL UAV + Long Duration Airship	3858		
Total	4374	1946	
Growth	1708	1162	

Platforms Deployed x Crew Size x Crews Deployed x Rotation Sets

(Option 3) Aerial ISR Layer (ACS, C-12, Long Duration Airship)

Baseline Assumptions		Goal: 90 Orbits		<ul style="list-style-type: none">• Expeditionary Support to Division & Below• On-Board Fusion Analysis, Battle Command, Direct Tactical Comms, Manned & Unmanned Teaming (ACS)• EO/IR/HD/FMV, GMTI, SAR, Geolocation• DCGS-A Network Enabled• Robust Comms (Long Duration Airship)• All Weather		
1. Max Platforms Forward Deployed, Rotational Crews						
2. Constellation of modernized ISR platforms – ACS, E-MARSS, Long Duration Airship, Shadow						
3. Goal: 1 x AC Bde, 1 x RC Bde; 5 x AC Bns, 5 x RC Bns (AC 1:3; RC 1:5 Rotations)						
Aerial ISR Layer		AC	RC			
C2 (AC 81 x 4; RC 81 x 5)	AEB (Bde) C2	101	101			
	AEB (Bn) C2	324	405			
	Korea AEB C2	91				
Current (RC-12)	Five AEBs	1287				
	3 rd MI Center (PED)	119				
	14 x 10 (2 + 8) x 1.5 Crews x 3 AC	630		Summary		
	14 x 10 (2 + 8) x 0.5 Crews x 5 RC		350		AC	RC
	14 x 10 (2 + 8) x 2.0 Crews x 2 RC		560	C2	516	506
E-MARSS	36 x 4 (2 + 2) x 1.5 Crews x 3 AC	648		Current	(-1406)	
	36 x 4 (2 + 2) x 0.5 Crews x 5 RC		360	ACS	630	910
	36 x 4 (2 + 2) x 2.0 Crews x 2 RC		576	E-MARSS	648	936
Long Duration Airship 	8* x 6 (1 + 5) x 3 x (3 AC) (2 RC)	432	288	Long Duration Airship	552	368
	Maint Pkg 2 x 20 x (3 AC) (2 RC)	120	80			
Shadow 	*Refuel/Reset (Internal Support)			Shadow	720	448
	Grow 29 FY13 ITOE to 33 MTOE	180	112	Total	3066	3168
	Add 2 x 6 Soldier GCS Crews	540	336	Growth	1660	3168
Platforms Deployed x Crew Size x Crews Deployed x Rotation Sets						



(Option 4) Aerial ISR Layer (C-12, Long Duration Airship)

Baseline Assumptions

Goal: 90 Orbits

1. Max Platforms Forward Deployed, Rotational Crews
2. Constellation of modernized ISR platforms – E-MARSS, Long Duration Airship, Shadow
3. Goal: 1 x AC Bde, 1 x RC Bde; 5 x AC Bns, 5 x RC Bns (AC 1:3; RC 1:5 Rotations)

- Expeditionary Support to Division & Below
- EO/IR/HD/FMV, GMTI, SAR, Geolocation
- DCGS-A Network Enabled
- Robust Comms (Long Duration Airship)
- All Weather

Aerial ISR Layer		AC	RC
C2 (AC 81 x 4; RC 81 x 5)	AEB (Bde) C2	101	101
	AEB (Bn) C2	324	405
	Korea AEB C2	91	
Current (RC-12)	Five AEBs	1287	
	3 rd MI Center (PED)	119	
E-MARSS	36 x 4 (2 + 2) x 1.5 Crews x 3 AC	648	
	36 x 4 (2 + 2) x 0.5 Crews x 5 RC		360
	36 x 4 (2 + 2) x 2.0 Crews x 2 RC		576
Long Duration Airship 	15* x 6 (1 + 5) x 3 x (3 x AC) (2 x RC)	810	540
	Maint Pkg 2 x 20 x (3 x AC) (2 x RC) ...+ 1 to 2 Long Duration Airship (Refuel/Reset) *Refuel/Reset (Internal Support)	120	80
	Grow 29 FY13 ITOE to 33 MTOE	180	112
	Add 2 x 6 Soldier GCS Crews	540	336

Platforms Deployed x Crew Size x Crews Deployed x Rotation Sets

Summary		
	AC	RC
C2	516	506
Current	(-1406)	
E-MARSS	648	936
Long Duration Airship	930	620
Shadow	720	448
Total	2814	2510
Growth	1408	2510



(Option 5) Aerial ISR Layer (C-12, ERMP)

Baseline Assumptions

Goal: 90 Orbits

1. Max Platforms Forward Deployed, Rotational Crews
2. Constellation of modernized ISR platforms –E-MARSS, ERMP, Shadow
3. Goal: 1 x AC Bde, 1 x RC Bde; 5 x AC Bns, 5 x RC Bns (AC 1:2; RC 1:5 Rotations)

- Expeditionary Support to Division & Below
- EO/IR/HD/FMV, GMTI, SAR, Geolocation
- DCGS-A Network Enabled
- Robust Comms (Long Duration Airship)
- Lethal Targeting Capability (ERMP/Sky Warrior)
- All Weather

Aerial ISR Layer		AC	RC
C2 (AC 81 x 4; RC 81 x 5)	AEB (Bde) C2 AEB (Bn) C2 Korea AEB C2	101 324 91	101 405
Current (RC-12)	Five AEBs 3 rd MI Center (PED)	1287 119	
E-MARSS	36 x 4 (2 + 2) x 1.5 Crews x 3 AC 36 x 4 (2 + 2) x 0.5 Crews x 5 RC 36 x 4 (2 + 2) x 2.0 Crews x 2 RC	648	360 576
ERMP/Sky Warrior 	128 Base Co + 27 (9 x 3 GCS Plus Up) = 155 = Enhanced Company supporting 7 X CAPS (7 x GCS) 2 x E-Cos = 310 x 3 Rotations = 930	930	
Shadow 	Grow 29 FY13 ITOE to 33 MTOE Add 2 x 6 Soldier GCS Crews	180 540	112 336

Summary		
	AC	RC
C2	516	506
Current	(1406)	
E-MARSS	648	936
ERMP	930	
Shadow	720	448
Total	2814	1890
Growth	1408	1890

Platforms Deployed x Crew Size x Crews Deployed x Rotation Sets

Fully Leveraging the MI Force

Core Analytic Enterprise (CAE)

1. Analytical Depth
2. Sustain & Enhance Perishable Skills
3. Maintain Contact w/Enemy

IC - Combat Support Agencies (NSA/NGA/DIA/NRO)

902nd, 704th, HUMINT

Core Processing, Exploitation, & Dissemination Enterprise (C-PED-E)

1. 2nd & 3rd Phase Operational Exploitation
2. Sustain & Enhance Perishable Skills
3. Maintain Contact w/Enemy

Ready/Train/Support

Corps G-2 / ACE
Div G-2 / ACE
BCT MI Co / CoIST

Pre-deployment Prep
& Over-watch

Theater JIOC
NGIC
DIA

Continuous
Engagement

Reset Transition Reset

NSA Regional
Cryptologic Center
NGIC/NMEC
NGA

Ready/Train/Support

MI Brigade (Mf)
Aerial Layer (AEB)
BCT MI Co

Pre-deployment Prep
& Over-watch

Committed

ARFORGEN
Forward-Deployed
Force Package

Committed

Cloud-enabled Architecture; IC's Common Data Network

Aerial Layer - PED Distribution

CAB



Air Warrior/Sky Warrior
(FMV/SIGINT)

AEB



E-MARSS
(FMV/SIGINT)



Long Duration Airship
(FMV/GMTI/SIGINT)



VTOL UAV
(FMV/GMTI/SIGINT)

BCT



Shadow
(FMV)

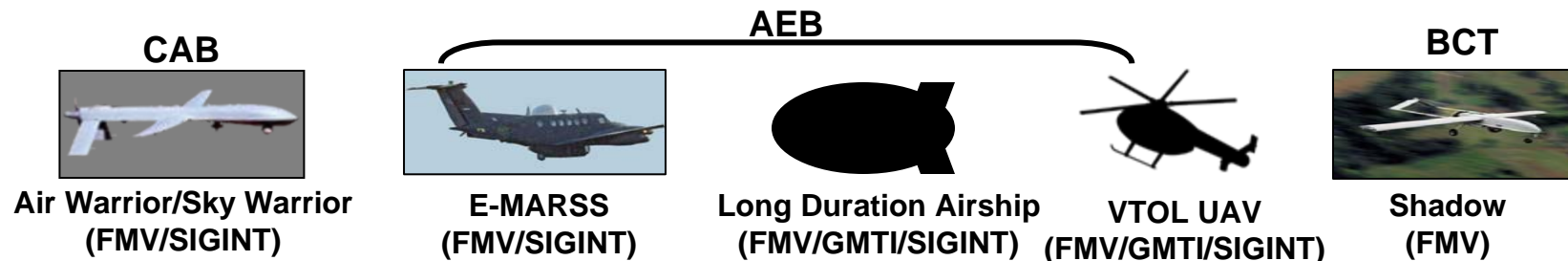
Option
Dependent
(Option 1 Used)

Illustrates
Magnitude
of Potential
Resources

	AC CONUS PED	AC Forward Rotation	RC Forward Rotation	RC CONUS
E-MARSS				
FMV IMINT			72	288
GMTI				
SIGINT			72	288
VTOL UAV				
FMV IMINT	90	45		
GMTI	45	22.5		
SIGINT	45	22.5		
Long Duration Airship				
FMV IMINT	225	112.5		
GMTI	112.5	56.25		
SIGINT	112.5	56.25		
Total	630	315	144	576

Fully Leveraging the Aerial Layer

FMV – Imagery Exploitation



90 FMV orbits/day x 20 hours/orbit = 1800 hours FMV IMINT per day

Processing, Exploitation & Dissemination:

- 315 AC IMINT Analysts in CONUS
- 1,512 Hours of FMV Exploitation/Day

Assumptions:

- 80% Availability/Day
- 6 Hours/Day
- 30 Hours/Week

Fully Leveraging the Aerial Layer

Ground Moving Target Indicator (GMTI)

AEB



Long Duration Airship
(FMV/GMTI/SIGINT)



VTOL UAV
(FMV/GMTI/SIGINT)

30 GMTI orbits/day x 20 hours/orbit = 600 hours GMTI per day + BCT

Processing, Exploitation & Dissemination:

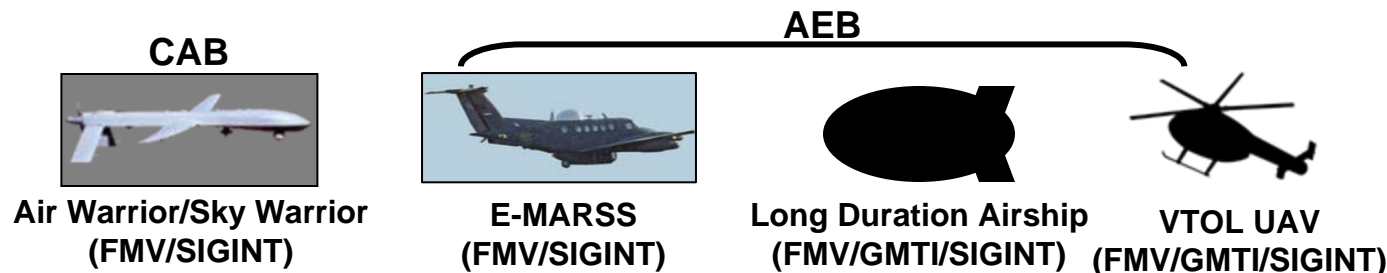
- 157 AC GMTI Analysts in CONUS
- 754 Hours of GMTI Exploitation/Day

Assumptions:

- 80% Availability/Day
- 6 Hours/Day
- 30 Hours/Week

Fully Leveraging the Aerial Layer

Signals Intelligence (SIGINT)



60 SIGINT orbits/day x 20 hours/orbit = 1200 hours SIGINT per day

Processing, Exploitation & Dissemination:

- 157 AC SIGINT Analysts in CONUS
- 754 Hours of SIGINT Exploitation/Day

Assumptions:

- 80% Availability/Day
- 6 Hours/Day
- 30 Hours/Week

Fully Leveraging the C-PED-E

Potential Exploitation Hours/Day

	IMINT (FMV)	GMTI	SIGINT	HUMINT	
Aerial Layer	1512	754	754		
BfSB/MIB (Mf)			360	432	
BCT MI Company		594	2475	1980	
Total Hours of Exploitation/Day	1512 189 FTE	1348 168.5 FTE	3589 448.6 FTE	2412 301.5 FTE	Total 1107.6 FTE

Assumptions

BfSB/MIB (Mf)

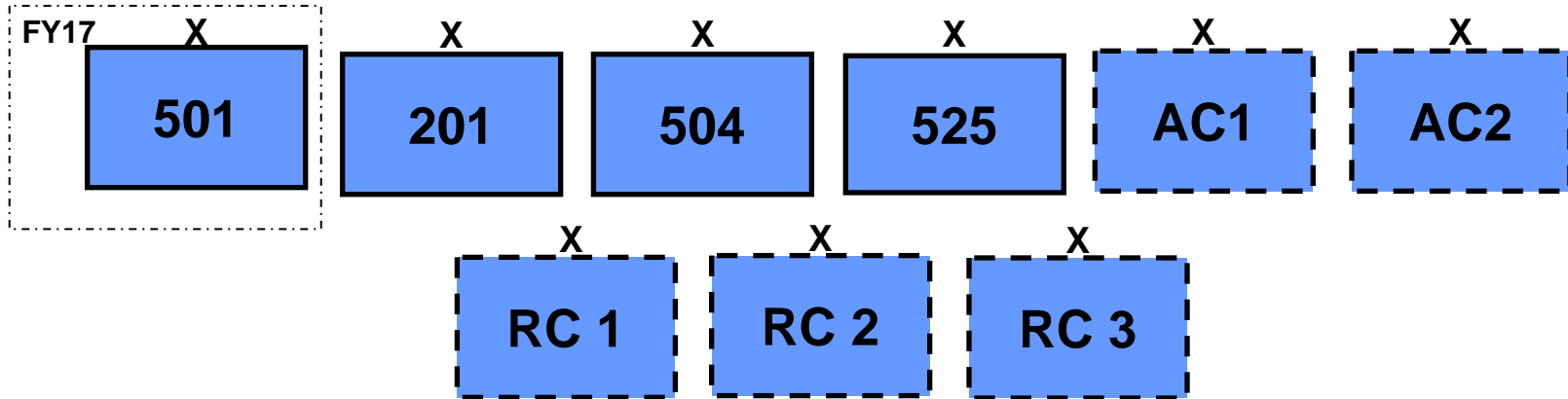
- 3 x MIB (Mf) not deployed
- 80% available per day
- 6 hours exploitation per day

BCT MI Company

- 33 x BCTs not deployed
- 50% availability per day
- 6 hours of exploitation per day

FTE: Full Time Equivalent

MIB (Mf) ARFORGEN Rotation Analysis



6 AC + 3 RC

AC1	AC2	AC3	AC4	AC6	AC2	AC3	AC4	AC5	AC1	AC3
RC1	RC2	RC3	AC5	AC1	RC1	RC2	RC3	AC6	AC2	RC1

5 AC + 501st + 3 RC

AC1	AC2	AC3	AC4	AC1	AC3	AC4	AC5	AC1	AC3	AC5
RC1	RC2	RC3	AC5	AC2	RC1	RC2	RC3	AC2	AC4	RC1

4 AC + 501st + 3 RC

AC1	AC2	AC3	AC4	AC2	AC4	AC1	AC2	AC3	AC4	AC1
RC1	RC2	RC3	AC1	AC3	RC1	RC2	RC3	RC1	RC2	RC3

4 AC + 501st + 2 RC

AC1	AC2	AC3	AC1	AC3	AC1	RC2	AC3	AC1	AC2	AC3
RC1	RC2	AC4	AC2	AC4	RC1	AC2	AC4	RC1	RC2	RC1

Steady State

AC 1:3

RC 1:5

Surge

AC 1:2


RC 1:4


Surge

AC 1:1

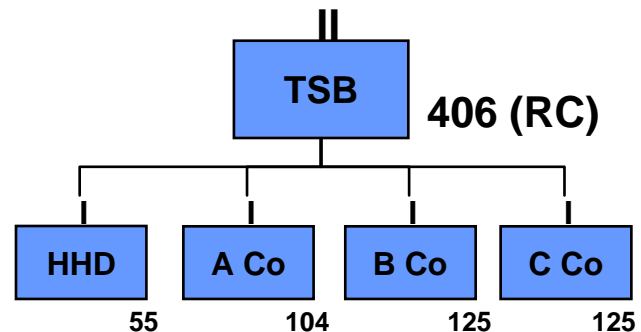
RC <1:4

(Future) ASCC G-2 & Theater Intel Group

ASCC G-2	MCP	CCP
G-2 	3	2
Operations	2	0
ISR Ops Branch/Targeting	5	9
SIGINT Branch	2	0
GEOINT	2	0
Collection Mgmt	10	0
G2-X	1	3
HUMINT Branch	1	0
TF CICA	1	0
Ops Support Branch	2	0
Intel Support Div/FDO	2	0
Linguist Branch	2	0
SSO (1) & SYSAD (2)	3	0
Sub Totals	36	14
Total	50	

Theater Intel Group (TIG) 	TOE	TDA
TIG HQ (O6)	5	
Co HQ	5	
All-Source Fusion (NGIC TDA)		50
Ops & Plans	26	
Watch (I&W)	10	
CI/HUMINT (Force Protection)	18	
SIGINT	8	
MASINT	4	
GEOINT (NGP TDA)		8
Sat Comms & CGS (IMINT)	16	
Motor & IEW Maint	10	
Sec Guards (AUG TDA)		6
Sub Totals	102	64
Total	166	

G-2 50 + TIG 166 + TSB 406 (RC) = 622



G-2/ACE Comparison

(Current)
ASCC G-2 (50) +
(Proposed)
Theater Intel Group (166) = 216
+ 406 TSB (USAR) = 622

Theater Intel Group (TIG)	TOE	TDA
TIG HQ (O6)	5	
Co HQ	5	
All-Source Fusion (NGIC TDA)		50
Ops & Plans	26	
Watch (I&W)	10	
CI/HUMINT (FP)	18	
SIGINT	8	
MASINT	4	
GEOINT (NGP TDA)		8
Sat Comms & CGS (IMINT)	16	
Motor & IEW Maint	10	
Sec Guards (AUG TDA)		6
Sub Totals	102	64
Total	166	

(Current)
Corps G2 + ACE = 165

G-2 + TAC CP	8
ACE Headquarters	2
G-2 Plans	4
Current Ops	7
Fusion	14
All Source Production	16
Collection Management	11
Intelligence Processing	13
Targeting	8
Imagery Processing	24
IMINT Tm	6
SIGINT Tm	13
HUMINT/CI Tm	9
ACE Comms	3
SATCOM Team	6
Comms SPT Team	4
Security	5
SSO	4
IEW Maintenance	8

(Current)
Div G2 + ACE = 130

G-2	6
ACE Chief	2
ISR Ops	7
Fusion	24
Collect Mgmt	6
ISR Ops/Targeting	10
CGS	13
DTES	10
SIGINT	14
HOC	4
HAC	4
G-2X	6
CICA	4
Comm Integration	15
SSO	5

409

(Future) Theater Support Bn (TSB)

I
HHC 55

Mission: provides C2 and Admin/ Log support ISO the TSB.

I
A 104

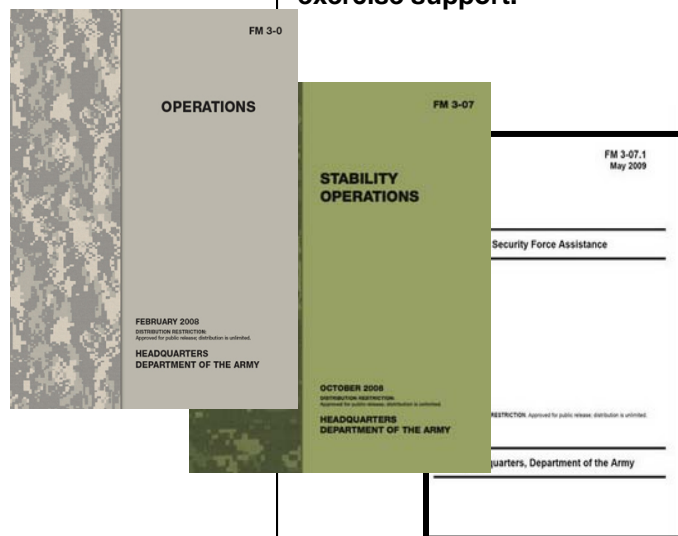
Mission: Provide analytic support to for ASCC Small Scale Contingency Missions (NEO, Disaster Relief, Humanitarian Ops); augment ASCC TIG analytic depth; provide ASCC G-2 exercise support.

I
B 125

Mission: Train and advise senior Army level intelligence leadership counterparts; conduct theater security cooperation, partnership engagements; provide exercise support; develop, advise and train host nation senior intelligence organizations; increase partnership intelligence capacity and performance; set the conditions for future partnering.

I
C 125

Mission: Train and advise foreign Army tactical and operational intelligence security forces; provide intelligence and security assistance training; create foreign intelligence training academies and training development; provide exercise support augmentation; build intelligence partnerships for greater regional stability.



Advise at the Ministerial Level

Advise them with our JIIM partners

Advise them at the ground level



Capabilities

- C2
- Admin/Log
- Maintenance

Capabilities

- Multi-INT analytics to reinforce Theater Intel Group

Capabilities

- 5 x Soldier Co HQ
- 10 x 12 Soldier Teams

Capabilities

- 5 x Soldier Co HQ
- 10 x 12 Soldier Teams

...Intelligence Related Security Force Assistance FM 3-07/FM 3-07.1

Security Force Assistance (SFA)

General Principles

- **Understand the OE**
- **Provide Effective Leadership**
- **Build Legitimacy**
- **Manage Information**
- **Ensure Unity of Effort/Purpose**
- **Sustain the Effort**

(PMES II) Analysis

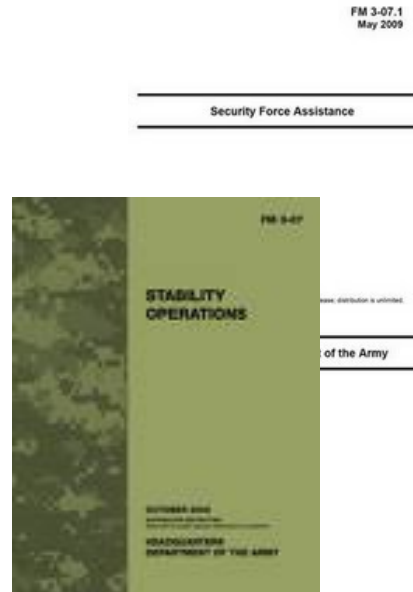
- Political
- Military
- Economic
- Social
- Information
- Infrastructure

- 300th MI Brigade (ARNG)
Human Terrain Teams (HTT)
- Theater Intelligence Group (TIG)
Regional Expertise
- Proposal to Remission the
Theater Support Battalions (TSB)

SFA Tasks

- Organize
- Train
- Equip
- Rebuild and build
- Advise and assist

- Regionally oriented language strategy
- Theater Support Battalions
- 09L Interpreter/Translator Companies



409 Theater Support Battalion (TSB) (RC) FOUO

HHC 55	A 104	B 125	C 125
Mission: provides C2 and Admin/ Log support ISO the TSB.	Mission: Provide analytic support to for ASCC Small Scale Contingency Missions (NEO, Disaster Relief, Humanitarian Ops); augment ASCC TIG analytic depth; provide ASCC G-2 exercise support.	Mission: Train and advise senior Army level intelligence leadership counterparts; conduct theater security cooperation, partnership engagements; provide exercise support; develop, advise and train host nation senior intelligence organizations; increase partnership intelligence capacity and performance; set the conditions for future partnering.	Mission: Train and advise foreign Army tactical and operational intelligence security forces; provide intelligence and security assistance training; create foreign intelligence training academies and training development; provide exercise support augmentation; build intelligence partnerships for greater regional stability.
Capabilities > C2 > Admin/Log > Maintenance	Capabilities > Multi-INT analytics to reinforce Theater Intel Group	Capabilities > 6 x Soldier Co HQ > 10 x 12 Soldier Teams	Capabilities > 6 x Soldier Co HQ > 10 x 12 Soldier Teams

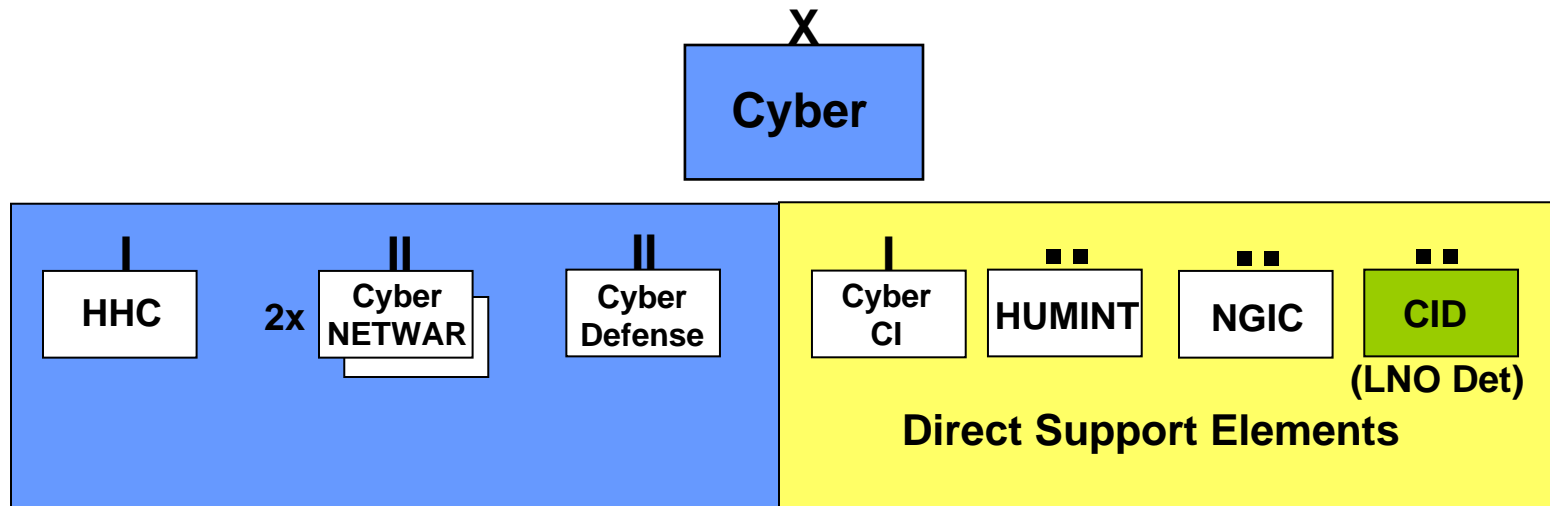
...Security Force Assistance

92

“Commanders should consult with assets that can expand their knowledge, understanding and effectiveness such as “red teams,” human terrain teams, or cultural anthropologists. These assets can provide focused area of operations expertise to provide commanders with a complete picture of the operating environment.”

--Commander's Handbook for Security Force Assistance

Cyber Brigade (Concept)



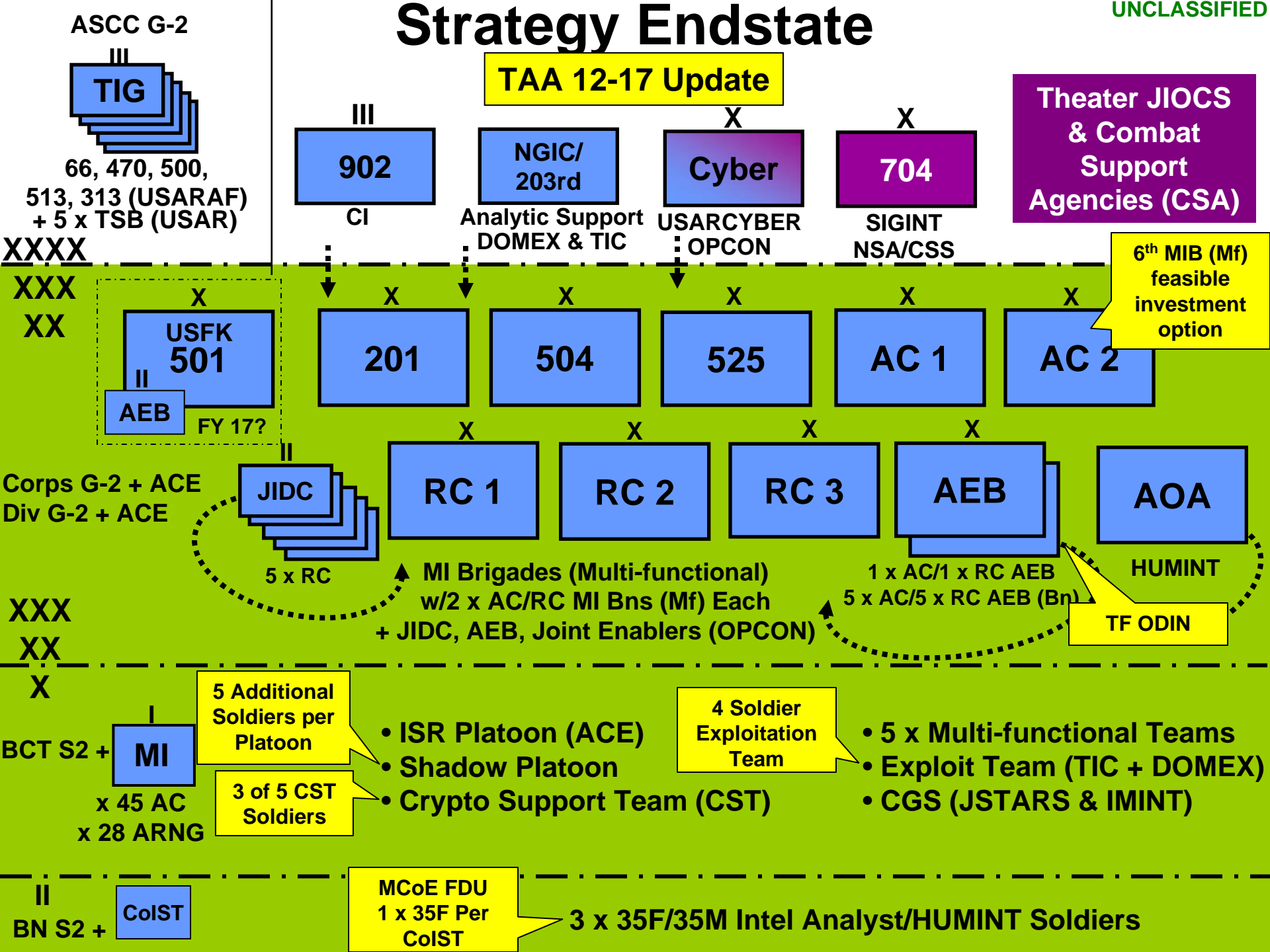
Capabilities

- Cyber NETWAR Battalions x 2 (CNE & CNA)
- Cyber Defense Battalion (CND) (CND Ops ISO Army NOSC) (2nd IO)
- CI Company (DS)
- AOA Detachment (DS)
- NGIC (DS)
- CID LNO Detachment (DS)
- I2WD/INSCOM Cyber CNE/CNA Tool Developers

Mission: The Cyber Brigade (Mf) conducts full spectrum computer network operations in support of US Army Cyber Command. The Cyber Brigade provides tailored close access CNO Companies to MI Brigade (Mf) and MI Bn (Mf), in support of ARFORGEN force package. Close access companies provide downward reinforcing capabilities to the Division/Corps and BCT operations. Cyber defense battalion provides tailored support to AGNOSC and TNOSCs Army-wide in defense of LANDWARNET and the GIG.

Command & Control (C2): Direct report to CG INSCOM (Army Cryptologic Component Commander).

Strategy Endstate



ARFORGEN BCT MI Co Capabilities (15 BCT)

Current

Strategy

Company Intelligence Support Team (CoIST)	TAA 12-17: • 165 x 35F Soldier (1 per Maneuver Co)	<ul style="list-style-type: none"> • 165 x 3 Soldier Teams <ul style="list-style-type: none"> - 2 x 35F Intel Analysts - 1 x 35M HUMINT Soldier
Multi-functional Teams (MfT)	None	• 75 x 8 Soldier Multi-functional Teams (MfT)
HUMINT	<ul style="list-style-type: none"> • 30 x HUMINT Teams • 15 x Operational Mgmt Teams (OMT) 	<ul style="list-style-type: none"> – 75 x 4 Soldier Teams Integrated into MfT – 15 x Operational Management Teams (OMT)
SIGINT	• 45 x SIGINT Teams	– 75 x 4 Soldier Teams Integrated into MfT
Cryptologic Support Team (CST)	15 x 3 Soldier Teams	• 15 x 5 Soldier Teams
Document & Media Exploitation (DOMEX)	TAA 12-17: • 15 x 4 Soldier Teams	• 15 x 4 Soldier Teams
Shadow UAS	• 30 x 18 Hour Orbits	• 45-48 x 22-24 Hour Orbits

ARFORGEN MI Force Packages (Above BCT)

Current

Strategy

MI Brigades	<ul style="list-style-type: none"> • 1 x Battlefield Surv. Brigade (BfSB) (2 x MI Bns) 	<ul style="list-style-type: none"> • 2 x MI Brigades (Mf) (4 x MI Bns (Mf))
Multi-functional Teams (MfT)	<ul style="list-style-type: none"> • 5 x 12 Soldier MfTs (HUMINT + SIGINT) 	<ul style="list-style-type: none"> • 32 x 10 Soldier Multi-functional Teams (MfT) (All-Source + HUMINT + SIGINT)
HUMINT	<ul style="list-style-type: none"> • 5 x 5 Soldier Teams (Integrated into MfT) 	<ul style="list-style-type: none"> – 32 x 4 Soldier Teams Integrated into MfTs – 4 x Operational Management Teams (OMT)
SIGINT	<ul style="list-style-type: none"> • 5 x 5 Soldier Teams (Integrated into MfT) 	<ul style="list-style-type: none"> – 32 x 4 Soldier Teams Integrated into MfT – 4 x Cryptologic Support Teams (CST)
Interrogators	None	<ul style="list-style-type: none"> • 8 x Interrogation Platoons • 4 x Div Holding Areas and 2 x Theater Intern. Facilities • 4 x Collection Management Fusion Cells
Counter-Intelligence (CI)	None	<ul style="list-style-type: none"> • 36 x 4 Soldier CI Teams
Doc & Media Exploit (DOMEX)	None	<ul style="list-style-type: none"> • 8 x 5 Soldier DOMEX Teams (Attached from 203rd TECHINT Bn)
Tech Support Company (TSC)	<ul style="list-style-type: none"> • 1 x TSC with Communications Only; <u>No</u> Digital Video Broadcast-Return Channel Signal (DVB-RCS) 	<ul style="list-style-type: none"> • 2 x TSC Comms Packages w/Digital Video Broadcast-Return Channel Signal (DVB-RCS); 2 x TSC Unmanned, Long Dwell UAS ISR, Multi-INT Long Range Surveillance (LRS); SIGINT, IMINT (FMV/HD/EO/IR), SAR, GMTI, TECH HUMINT; Target Tracking Locating (TTL); Advanced Robotic Sensors; Unattended Ground Sensors (UGS)

ARFORGEN MI Force Package

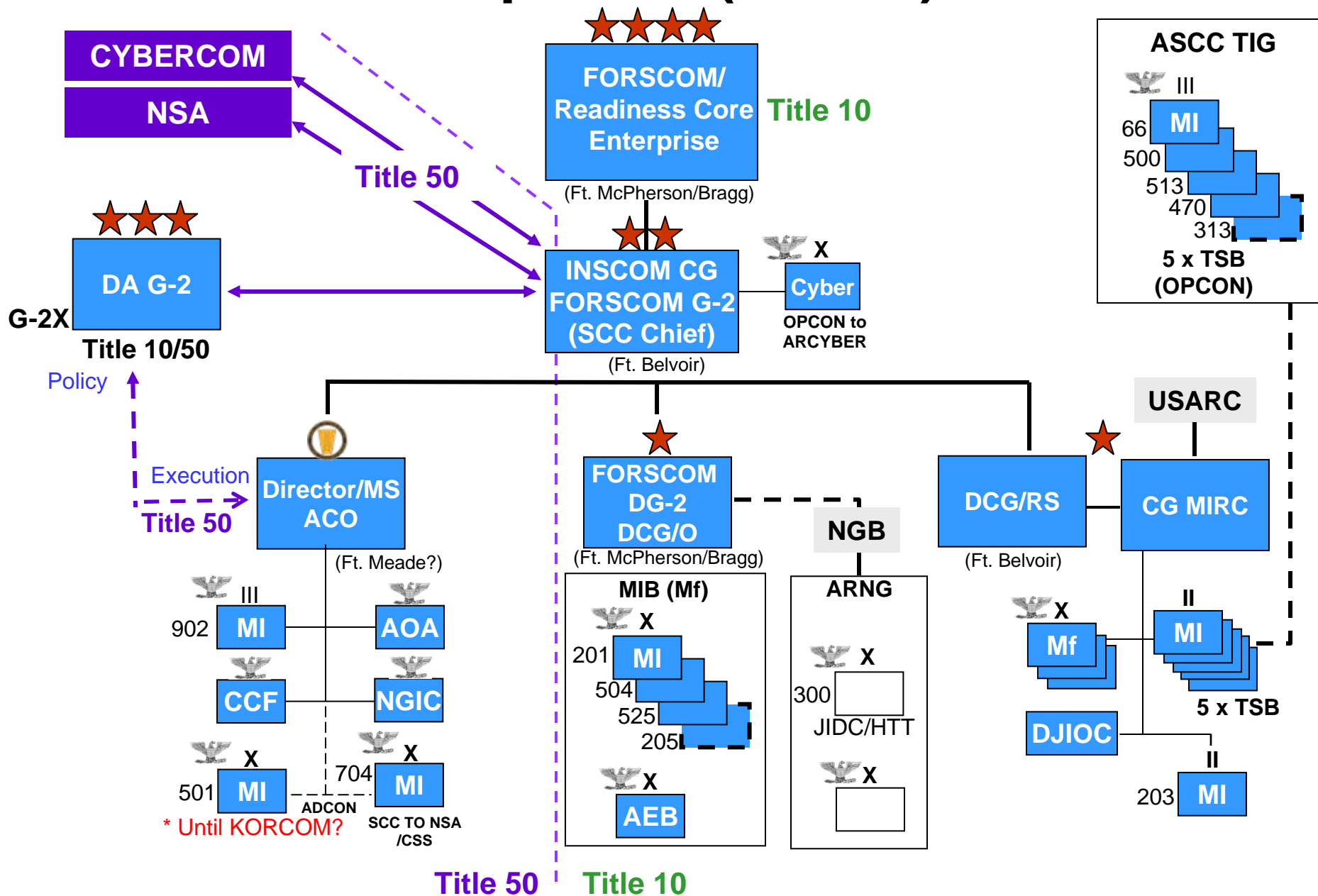
Enablers & Aerial Layer

Current

Strategy

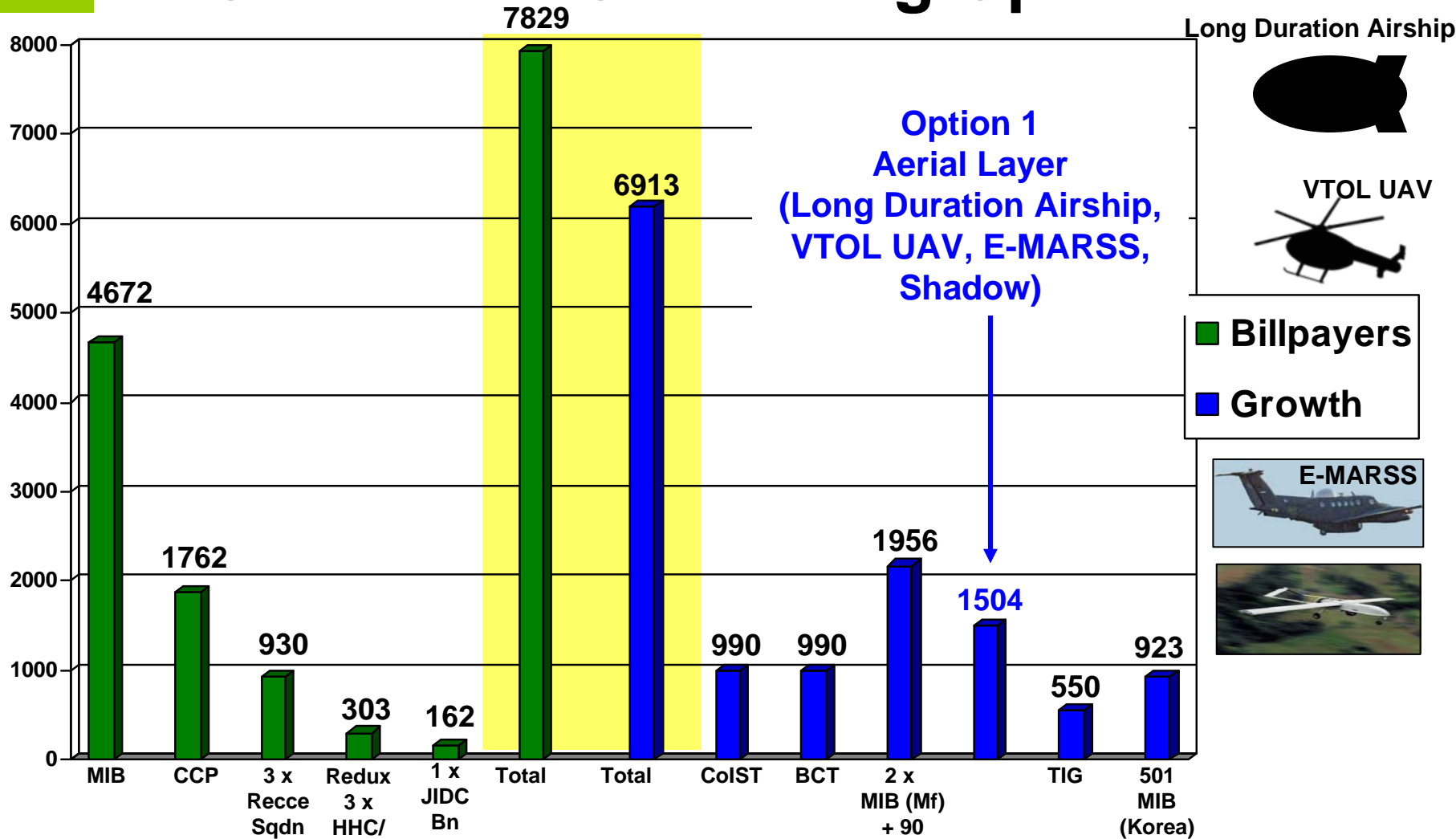
C2 of Corps Enablers Across Battlespace	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • 2 x Multi-functional MI Brigades (MIB) (Mf) to C2 all Operational MI Forces in the Corps Battlespace above BCT level, to Include Joint and Combat Support Agency (CSA) Enablers (NSA, DIA, CIA, NGA)
Interrogation Battalions	<ul style="list-style-type: none"> • 1 x AC <u>or</u> • 1 x USAR Joint Interrogation Debriefing Center (JIDC) 	<ul style="list-style-type: none"> • 1 x ARNG Interrogation Battalion • Interrogation Operations to Support a Theater Internment Facility (TIF)
Aerial Exploitation Brigade (AEB) HQ	<ul style="list-style-type: none"> • None • INSCOM G-3 Managed Capability Based Rotations 	<ul style="list-style-type: none"> • 1 x C2 Headquarters (AC or RC Brigade) as Required
Aerial Exploitation Battalions (AEB)	<ul style="list-style-type: none"> • 1 x AC Battalion 	<ul style="list-style-type: none"> • 1 x AC Battalion • 1 x ARNG Battalion
Aerial Layer	<ul style="list-style-type: none"> • Multiple Manned C-12 GUARDRAIL Common Sensor (GRCS) Baselines (SIGINT Only) • TF ODIN Capabilities 	Manned/Unmanned Mix of Platforms Delivering HD EO/IR FMV, SIGINT, Ground Moving Target Indicator (GMTI), Wide Area Imagery (WAMI), Synthetic Aperture Radar (SAR), Ground Penetrating Radar (GPR), Long Duration Hybrid Airship Wide Band Robust Comms (X, Ka, C Band)
Cyber	<ul style="list-style-type: none"> • 744th MI Bn (Prov) • 1st IO Bn (CND) 	<ul style="list-style-type: none"> • 2 x 50 Soldier Close Access Companies (100 Soldiers per Rotation)

C2 Option 1 (DA G2)



+ 916

AC MI Force Generating Options



1. CoIST (990) = 990
2. CoIST (990) + BCT Enhancements (990) = 1980
3. CoIST (990) + BCT Enhancements (990) + 1 x MIB (1956) = 3936
4. CoIST (990) + BCT Enhancements (990) + 1 x MIB (1956) + Aerial Layer (1504) = 5440
5. CoIST (990) + BCT Enhancements (990) + 1 x MIB (1956) + Aerial Layer (1504) + TIG (550) = 5990
6. CoIST (990) + BCT Enhancements (990) + 1 x MIB (1956) + Aerial Layer (1504) + TIG (550) + Korea (923) = 6913

9449
Auth

MI Priorities Compo 2 (ARNG) (Proposed)

- | | |
|---|-----------------|
| 1. 28 x BCT MI Co** | 28 x 151 = 4228 |
| BCT S-2 | 28 x 17 = 476 |
| Maneuver Bn & Separate S-2 | 1176 |
| 2. 8 x Division G-2/ACE | 8 x 130 = 1040 |
| 3. *Aerial Layer HQ MI Contributions (Bde/5 x Bn) | 506 |

9449

Proposed Remissioning of 300th MI Bde(ARNG) 6 x Linguist Bns

- | | | |
|--|------------------|--------|
| 1. 5 x Interrogation Bns | 162 x 5 = 810 | } 2023 |
| 2. **SIGINT Plugs ISO 28 x BCT | 25 x 28 = 700 | |
| 3. Human Terrain Team – BCT | 3 x 15 x 5 = 225 | |
| 4. Aerial Layer PED | 288 | |
| 5. Language Mixture – Hard and Regional Coding of Language Positions | | |

Current 300th MI Bde Authorizations

- | | |
|------------------|--------|
| UT 2 x 437 = 974 | } 2278 |
| CA 363 | |
| WA 363 | |
| FL 289 | |
| LA 289 | |

TAA 12-17 ODIN + 220

*ARNG Aviation Resourcing Required

to Transition from C-23/27 Pilots/Crews/Maint to C-12 E-MARSS 49

7718
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MI Priorities Compo 3 (USAR) (Proposed)

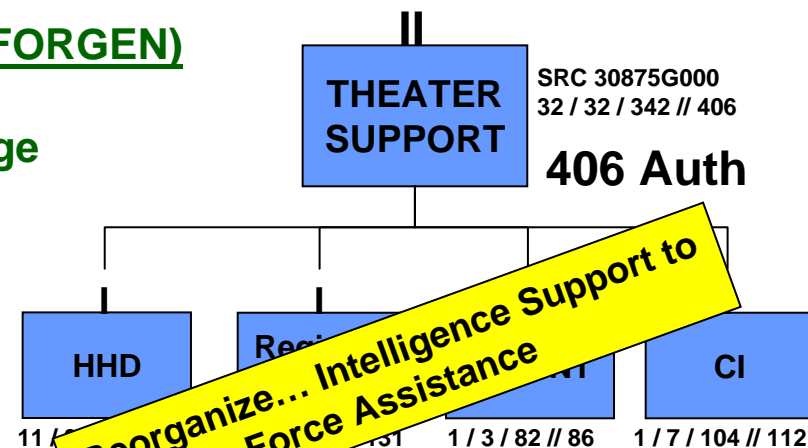
Compo 3 (MIRC)

- | | | |
|--|----------------|--|
| 1. 5 x ASCC/Regionally Focused TSB | 5 x 406 = 2030 | |
| 2. 203 rd MI Bn FWD Exploitation Tms (20 x 6 x 2 = 240) + 161 = | 401 | |
| 3. 3 x MIB (Mf) HQ | 3 x 323 = 969 | |
| 4. 6 x Mf MI Bns | 6 x 305 = 1830 | |
| 5. 5 x D-JIOC* | 500 | |
| 6. MIRC HQ | 120 | |
| 7. ARCTU (12)/AROA (90)/5 x ARISC (123) | 225 | |
| 8. O9L (Assign or Align with TSBs) | 100 | |

6175

Dedicated to ASCC Support (Outside ARFORGEN)

Regional Analytical Support
Regionally Code all MI Billets for Language
Small Scale Contingencies (SSC)
Theater Security Cooperation (TSC)
Force Protection
RSOI
Exercises/OPLAN Development



TAA 12-17 ODIN + 304

* Army Deployable Rotational JIOCs to Address Recurrent Force HQ Intel Reqts

The Bottom Line

This MI Force Rebalancing Strategy optimizes core intelligence capabilities in support of BCT and Division/Corps full-spectrum operations on a sustained Army Force Generation (ARFORGEN) cycle.

Strategy to Rebalance the MI Force:

- ✓ Reinvests 19% of Compo 1 MI Force from EAC to ECB
- ✓ Meets force sizing & core capabilities identified by TRADOC & OSD
- ✓ Balances Army MI Force manning (Compo 1-3) to perform mission sets in ARFORGEN rotational force packages
- ✓ Provides the flexibility to support a 4th Corps Headquarters
- ✓ Transitions existing theater MI Brigades (MIB) to Theater Intel Groups (TIG), includes a TIG to support USARAF
- ✓ Builds significant CNO capability to support Cyber Command

Questions?

Back Up Slides

BCT ISR Force-Sizing Comparison

OSD ISR Cross-Cutting Study Data

F3EAD -- Driving ISR Capabilities:

1. Full Motion Video (FMV)
2. SIGINT
3. HUMINT (Interrogations)
4. Document & Media Exploitation
5. HUMINT (Source Ops)

Army MI Rebalancing Strategy

	BCT	Army EAB
FMV Orbits	3.2	2.8 – 3 w/APG
Specialized SIGINT Teams	5 Teams	Requirement Met by BCT Structure (Augmentation Available from MI Brigade (Mf) as Required)
DOMEX	1 Team	
Site Exploit Teams	5 Teams 11 x CoIST*	
Interrogators	5 Teams + OMT 11 x CoIST*	
COMINT Teams	5 Teams + CST	
HUMINT Team	5 Teams + OMT 11 x CoIST*	

*CoIST provides 3 Soldiers per Maneuver Company (1 x HUMINT, 2 x Analysts) who can perform Tactical Interrogation and Support Site Exploitation (DOMEX Triage)

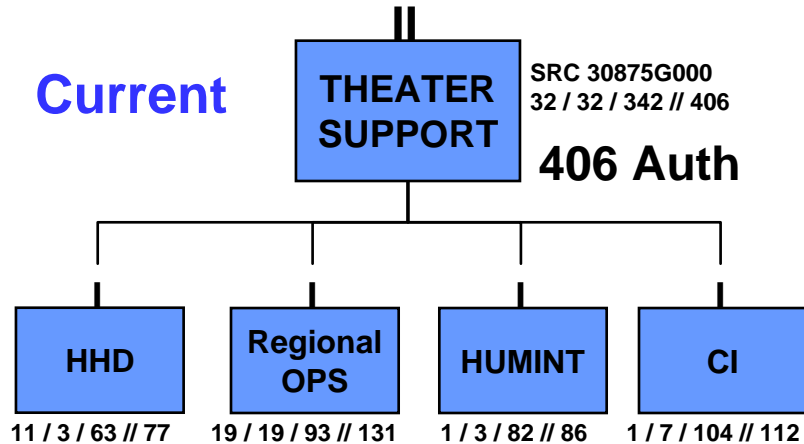
(Future) ASCC Intel Structure

	Analytical Support	HUMINT Support	CI Support	SIGINT Support	
CENTCOM/ ARCENT	G-2 + TIG + TSB (RC) + NGIC + 203rd MI + DJIOC/JIOC + Combat Support Agencies (NSA, DIA, NGA)	AOA + DH + CIA	902nd	704th NSA + JIOC CSG	NSA GA 116th MI Gp Ft. Gordon ESOC Darmstadt NSA HI 115th MI Kunia USFS Korea Camp Humphries NSA TX San Antonio ESOC Darmstadt
EUCOM/ USAREUR					
PACOM/ USARPAC					
USFK/ EUSA					
SOUTHCOM/ USARSO					
AFRICOM/ SETAF					

Phase II/III: Deployed Corps G-2, ACE, 2 x MIB (Mf), AEB, JIDC

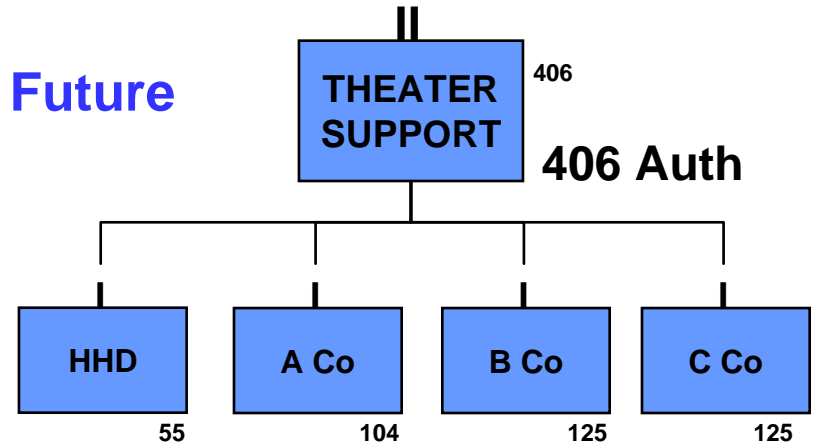
Theater Support Battalion (TSB) (RC)

Current



Mission: Conduct multi-disciplined operational and tactical intelligence collection, analysis, and dissemination in direct support of the ASCC.

Future



Mission: Conduct regional intelligence analysis (A Co); organize and train regional forces to build intelligence capabilities and capacity; provide theater security cooperation augmentation and exercise intelligence support to enhance ASCC partnership training and other engagements (B/C Co).

